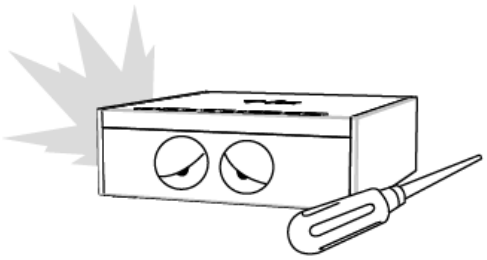
User Manual

TViX Slim S1 DUO

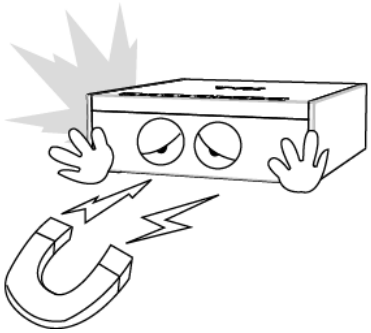
**** Some specifications could change with new firmware versions. Please refer to the FAQ on our homepage for further information**

** TViX Slim S1 DUO : DVB-T Dual Tuner with Background Recording.

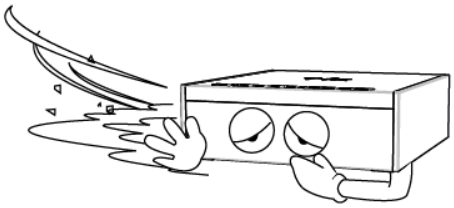
Safety Notice



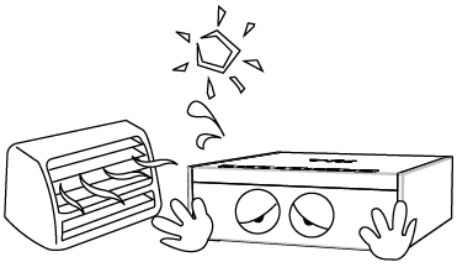
Do not try to disassemble or remodel the TVIX-HD unit. Doing so may cause malfunction or fire.



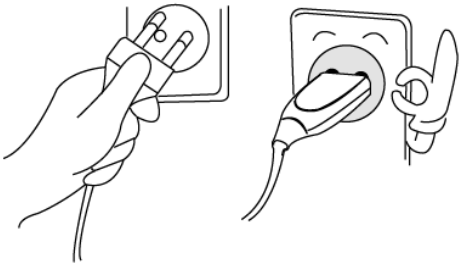
Place all magnetized devices, such as speakers, away from the TVIX-HD .It may erase or cause damage to the data stored in the hard disk.



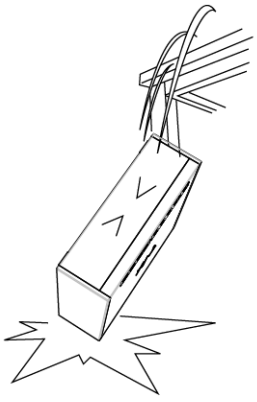
Do not place the TVIX-HD in places that are exposed to oil, water, dust, humidity, rain or wind.



Keep your TVIX-HD away from heated areas, such as direct sunlight exposure, heaters and etc. Place it in a well ventilated location. Ensure that a free airflow is maintained around the appliance.



Do not touch the power plug with wet hands or use defective power cables & electric outlets. It may cause electric shocks or fire.



Do not drop the TVIX-HD from heights. Doing so may cause critical damage to the hard drive.

The socket-outlet shall be installed near the equipment and shall be easily accessible.
Unplug the power cable when you are not using the product for a long time.

Usage Precautions

Thank you for choosing this TVIX-HD product.
Please read the following usage precautions before using your TVIX-HD.

- **Connect the A/V cable**
Make sure the power is off when you connect the A/V cable between the TVIX-HD and TV.

- **Cleaning the TVIX-HD**
When cleaning the TVIX-HD unit, disconnect the power cord, and then wipe the TVIX-HD case with a soft piece of dry cloth.

- **Connecting USB cable**
When connected to a computer through an USB cable, TVIX-HD acts as an external USB storage device (In this state, there is no video/audio output, and the VFD will indicate USB ON). For normal TVIX-HD play mode, disconnect the USB cable connected to the computer, and turn on the TVIX-HD.

- **Detaching the Hard Disk**
When you want to detach the HDD, let it cool down first before you start handling it.

- **Supplied cables**
Supplied cables and accessories are recommended for customized best performance of the TVIX-HD.
Using other cables or accessories may not provide the best performance.

- **Unplugging the device from PC USB port**
If you want to unplug the device, press the Stop button in 'Unplug or Eject Hardware'.

- **FAT32 Partition**
If you choose FAT32 file format on Windows 2000/XP, the drive's maximum size will be limited to 32GB.
If you want to have a FAT32 single drive letter of 32GB or more, you have to format it on Windows 98SE/ME.

- **Wireless Network**
To use a wireless network connection, please refer to the TVIX-HD homepage for a list of compatible wireless devices.

- **Certification sticker**
The certification sticker mark is on the bottom of the device.

- DViCO has no warranty or responsibility for broken hard disks. We recommend periodic backups to prevent data loss.

** Some functions will require you first to update it to the latest firmware.

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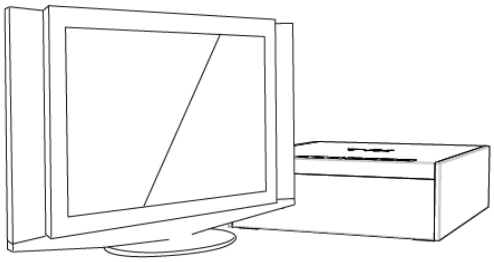
1 Introduction

1.1 HDTV PVR Function



The TViX PVR can play HDTV broadcasts without a digital TV set-top box, with excellent and super-clear pictures on HDTV screens. The TViX PVR supports standard DTV features, such as EPG and Time-shifting.

Time-shifting is a function that allows the user to record broadcasts, and save them in a storage device so that they can be viewed at a more convenient time for the user. When you are interrupted while watching a live TV program (such as picking up phone calls & answering the door), all you need to do is simply press the OK button to freeze the picture for a period of time, and then press OK again later in order to restart it from where you have left off. Note: You cannot use the DTV time-shifting on FAT32 partitions, so we recommend that you format your SATA HDD to NTFS.

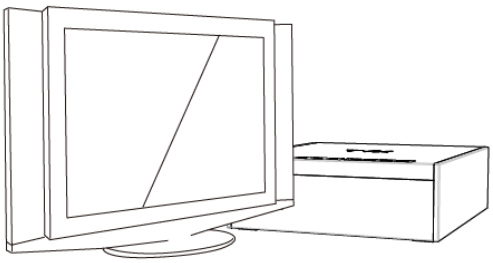
The TViX PVR has various recording features, including direct recording, scheduled recording, and repeated manual recording, to help the user not to miss a any programs on digital TV. It's a completely different type of PVR since you can easily upgrade and expand the HDD capacity yourself, which is similar to PC upgrading. And you can back up recorded files to/from a PC. In case of dual tuner, you can watch movie file or recorded file while recording a program of your choice or record two channels simultaneously.

TViX PVR implements DTV features such as EPG-scheduled recording and connection to PC, to let the user enjoy all the dainty bits of digital broadcasting as well as supreme audio and video qualities. You can set up scheduled recording and scheduled watching using the EPG window.

When using the DTV mode, you can easily reserve for sleep mode time with the FUNCTION key. If the sleep mode is enabled while it is still recording something, the TViX will shut down after it finishes recording. In the file list mode, the FUNCTION key performs the File copy/delete and password functions.

DVICO Inc has no responsibility for recorded programs or files made or distributed for any illegal purposes. The party or parties who record or distribute contents bear all the l responsibility (Civil or Criminal) direct or indirect.

1.2 Multimedia Player Function



The TVIX-HD is a standalone, multimedia hard disk player that plays digital videos, digital music, digital still images and DVD files on TV screens and home entertainment systems. You can enjoy digital contents in your living room without having to burn discs or to play it back on a DVD or CD player anymore.

TVIX-HD plays back DVD movies with the full functionality of DVD navigation. You can create your own virtual DVD library by storing your personal collection of DVDs in .ISO or .IFO format, and watch them exactly as if they were running from the original DVDs (all the original features are included: Menu, Chapter, Audio Stream, Subtitle, Fast Forward, Rewind, Pause, Repeat, Search etc.).

TVIX-HD can play high-definition videos (up to 1920x1080P) and still images. Pre-recorded HDTV programs from a digital TV set-top box or personal digital video contents recorded by a camcorder can be played back with the TVIX-HD on a high-definition screen. The TVIX-HD features an HDMI connector, which will match the high resolution of HD-level video contents.

TVIX-HD supports the latest multimedia formats such as MKV, MPEG-4 AVC(H.264), VC-1(MP@HL, AP@L3), WMV9 & WMV HD as well as MPEG4 3.11,4.0 , 5.0. and H.264, which is a brand-new and superb compression technology. It can now play more stunning HD movies with lower storage requirements.

HDMI provides unparalleled qualities to digital videos and audios, while DVI only serves digital videos. With HDMI you don't have to deal with multiple AV cables. It lets you make a connection to digital videos as well as audios, and enjoy them with just one cable. It can deliver uncompressed digital video up to 1080P as well as digital audio.

TVIX-HD has a DTS hardware decoder to mix DTS sound into 2 channels for a more dynamic stereo sound quality.

The TVIX-HD can be networked with a PC system using either a wired network or its optional wireless network adapter. You can navigate to a PC file through TVIX-HD's wired/wireless network and play the file from its original location without having to copy it into the TVIX-HD first. Also, TVIX-HD's FTP server and Samba server allow you to transfer files from your PC . It also allows you to connect to network easily with uPnP support, and it does not require an IP address. You can immediately playback uPnP connected files.

With two USB2.0 host ports, you can attach additional external USB hard drives to further extend the storage capacity. You can also play back files from a digital cameras, USB flash drives, USB flash card reader or an MP3 player.

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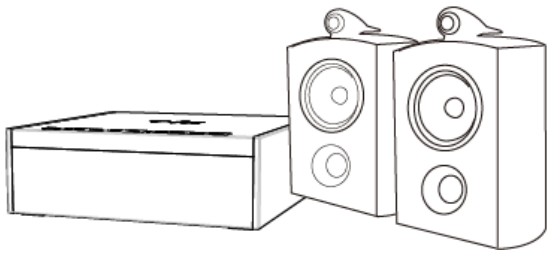
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

1.3 Audio Player Function

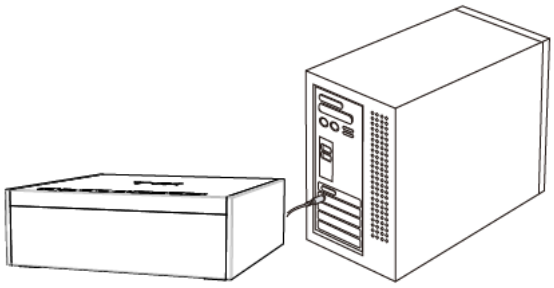


● TVIX-HD can play a variety of audio files such as FLAC, MP3, Ipod, AAC, Ogg Vorbis and WMA (Windows Media Audio) through TV speakers and many other audio systems. You can listen to your favorite music files without hesitation, by organizing a custom winamp playlist. Now you can enjoy music all day long without having to keep changing CDs.

● TVIX-HD supports playlist function that is based on *.pls or *.m3u.

● You can watch picture slideshows with the option of background music (supports Simultaneous playback of Audio and picture images).

1.4 External Storage Function



● TVIX-HD can be used as an external storage device by connecting it to a PC, and you can then save videos audios image files, data, program backups and etc.

● USB 2.0 enables TVIX-HD to support speeds up to 480Mbit/s.

● If you connect to a USB 1.1 port, the TVIX-HD will work at USB 1.1 speed, so we strongly recommend that you use USB 2.0.

● It supports Plug & Play, Windows will automatically recognize TVIX-HD the instant it is connected to the system

● If you connect a USB Cable between a PC and TVIX-HD during a playback, the VFD will display “USB ON.” Even when you disconnect the USB, you do not have to reboot the TVIX-HD to continue using it.

● If you are a Windows98SE user, you should download a USB storage driver from our website before you connect your TVIX-HD to your system. You do not have to install a driver in Windows ME/2000/XP.

● You can download the latest NetShare Software from our website to configure an NFS network server on your PC. If you select the NFS mode, you can play high bit-rate transport stream or DVD image files without any stutters.

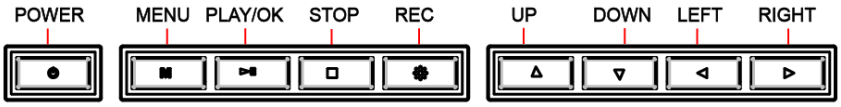
1.5 Specifications

MODEL	TViX Slim S1 DUO
Main Chipset	RTD1283DD+ 400Mhz processor
VFD Display	7 Alpha-Numeric Character, 5 Digit Numeric Display
Video	Format: .MKV, .mpg, .avi, .wmv, .divx, .vob, .tp, .ts, .trp, .dat, .iso, .ifo, .m2t, .m2ts, .mov, .flv
	Codec: MPEG 1/2/4, AVI, XVID,WMV9(MP@HL),H.264(MP@HL4.1),VC-1(AP@L3), RealVideo 8/9/10
	Resolutions up to 1920*1080P
Audio	FLAC, DTS-Wav, MP3, WMA, WMA Pro, AAC, Ogg, Dolby Digital, WAV
	DTS Pass Through and Down Mixing
Photo	JPG, JPEG, BMP, PNG, GIF, TIF
Connectivity	USB 2.0 Host 2 Ports (USB1/USB2 : 5V⎓, 500 mA max), USB 2.0 Target 1 Port
	Wired LAN
	Network : Samba client, NFS, Netshare, Samba server
	e-SATA HOST
	One DVB-T Antenna Port and pass-thru port
Video out	HDMI 1.3, Component, Composite
Audio out	Digital : Coaxial, Optical , Analog: Stereo
Hard Disk	NTFS, FAT32 (3.5” S-ATA HDD, supports S- ATA 1,2) PVR Recording & Time shifting : NTFS
Subtitle	smi, smil, sub, sub/idx, srt, .ssa, .ass, MKV internal subtitle
Cooling FAN	40mm Brushless FAN, Temperature Sensing, Variable Speed
Memory	256M byte
Power	DC 12V adaptor
Language	English, Traditional Chinese, Japanese, Spanish, French, Germany, Italian, Korean, Nederlands, Russian, Rumanian, Czech, Arabic, Vietnamese, Bulgarian, Hebrew, Swedish, Greek, Turkish, Polish, Portuguese, Croatian, Thai
Size	215 x 160 x 55 (mm)

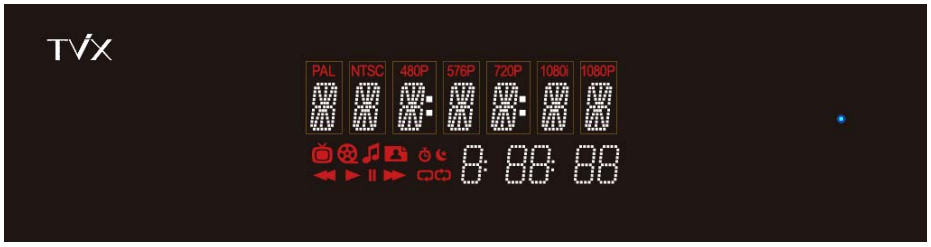
2 Name of Each Part

2.1 Unit Control button

TVIX-HD can be controlled by the buttons on the product as well as by the remote control.



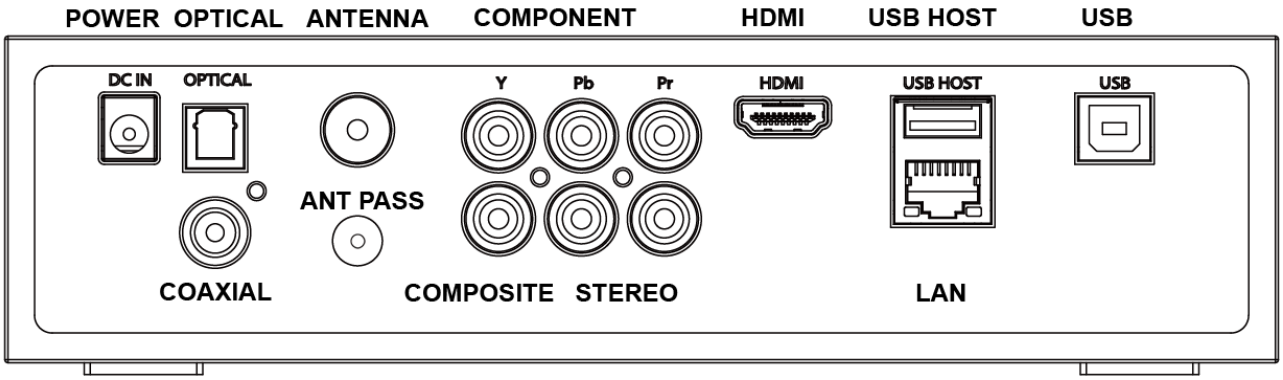
The current state of the product can be checked on the VFD on the front.
The image of the VFD below could be different from the actual one.



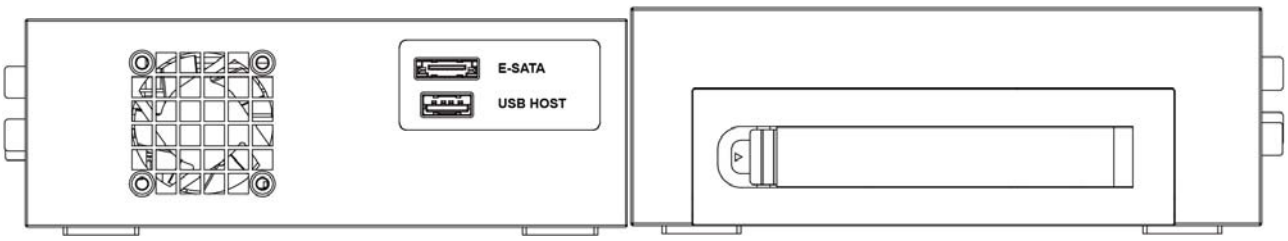
2.2 Cable Connection

You can connect the TVIX-HD to an analog TV display or audio amplifier using the A/V cable.

< BACK >



< SIDE >



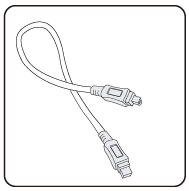
2.3 Package Contents

Thank you for choosing this TVIX-HD product.

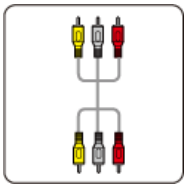
The TVIX-HD package contains the following items. The items described below may differ from the

TVIX-HD unit

Remote Control

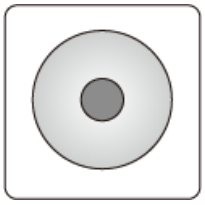


USB PC Cable

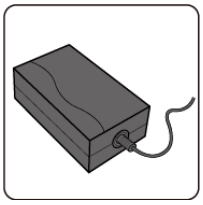


RCA Cable

Quick Guide



Manual CD



Power Adaptor

* TVIX-HD automatically formats when you install an unformatted new hard disk. Do not shut down the power when formatting the hard disk.

** Connect the included power cable on the back of the TVIX-HD. Then plug the other end of the power adapter into an available wall socket. Make sure that your TV is switched to the AV input to which the TVIX-HD is connected (on the back of the TV).

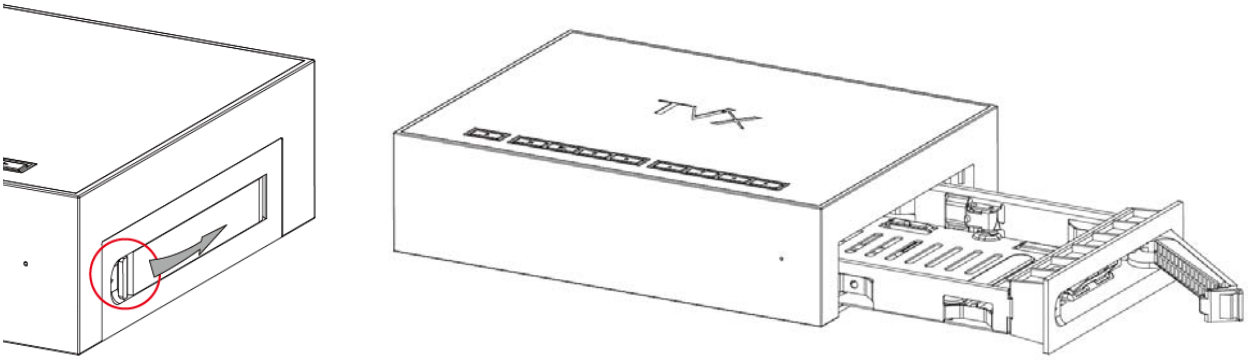
<< Before Connecting the Cable >>

1. Please refer to TV manual for the connection of A/V cable.
2. Make sure the power is off when you are connecting the A/V cable between the TVIX-HD and the TV.
3. Connect the red and white RCA cable for stereo audio.

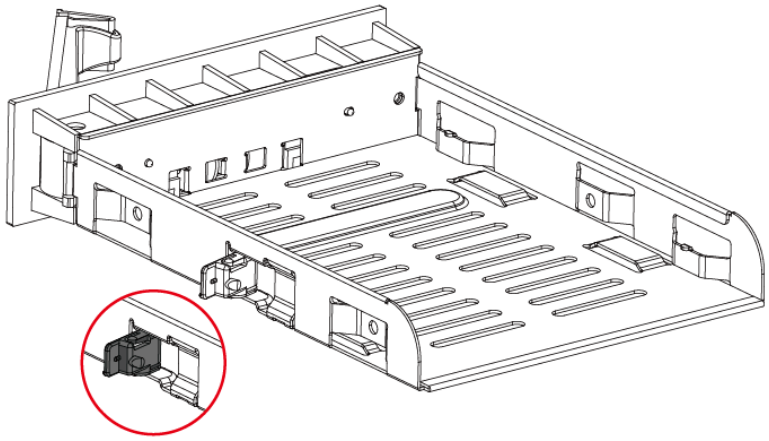
2.4 HDD Installation/Exchange

** Installing or exchanging your HDD is very easy. Please install the Hard Disk Drive (HDD) following the instruction is shown below. If you have a pre-installed HDD, you may skip this chapter.

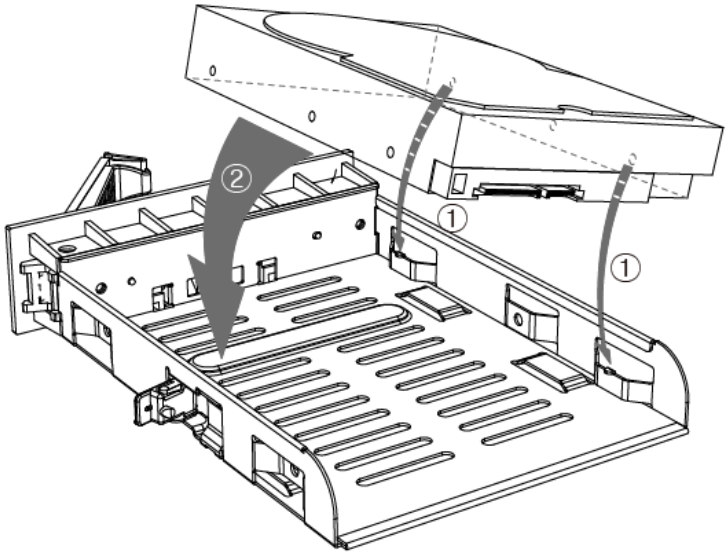
1 Pull the product Disk Cover located on the side, and separate it from the body. HDD installation is possible to do without using the screws.



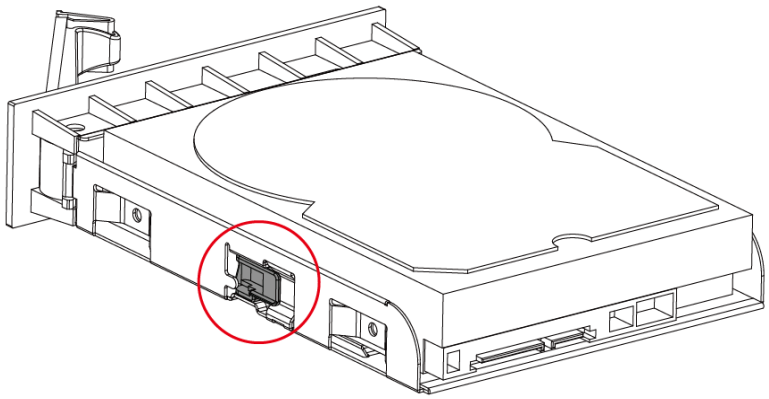
2 Before doing HDD installation to product, release the safety-lock button upward.



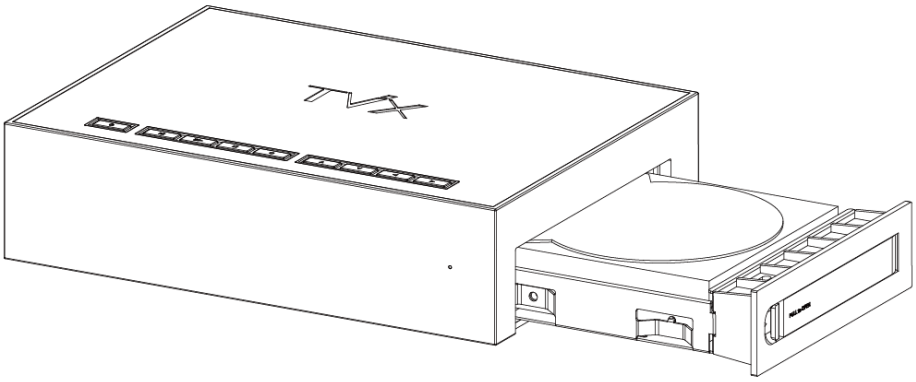
3 When 3.5” SATA HDD is installed on, make sure HDD’s circuit part downward and put the HDD into the HDD holder. Before the HDD is fitted on the HDD holder, put the pin into a tapped hole of the HDD.



4 After installation of the HDD, press the safety-lock button back in its place. For the safety of using HDD, it is recommended tightening a screw between the HDD and the HDD holder.



5 Load the HDD holder into product.

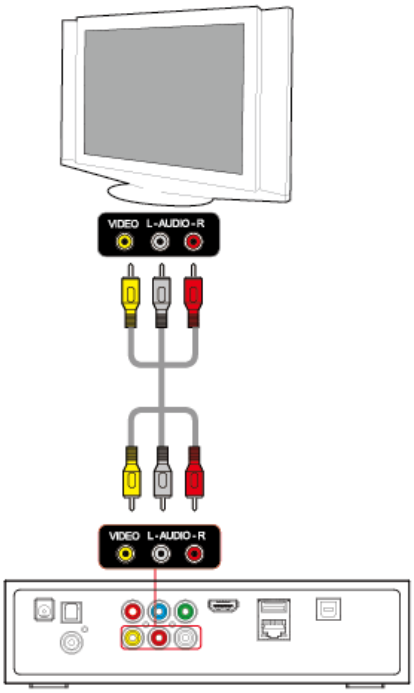
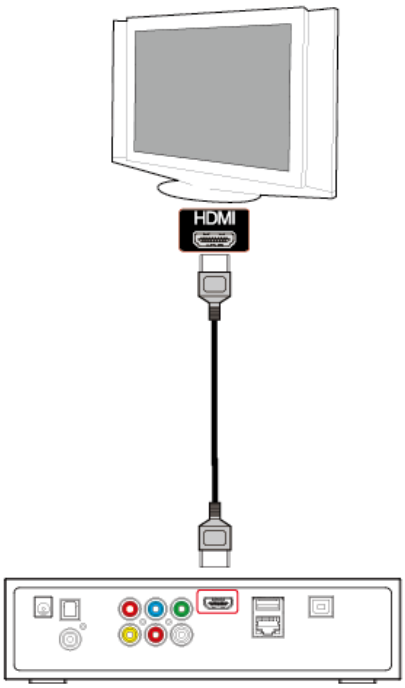


6 When replacing the HDD from the HDD holder, please do in reverse order.

3 Installation and Connection

3.1 Connecting the Video

The TVIX-HD supports HDMI, Component and Composite video output for connection to a TV, and each output needs to be selected in the settings menu depending on what cable is being used.

Connection to Composite	Connection to HDMI Output
	
Connect the TVIX-HD output to your TV using the included Composite (yellow) video cable. Select the appropriate video input mode on your TV until you get the main page of the TVIX-HD For the Audio, please connect the stereo cable (red/White cable).	Connect the TVIX-HD output to your TV using an HDMI cable. TVIX-HD plays back high definition videos (up to 1920x1080P) by using HDMI cables. HDMI cable can transmit uncompressed audio and video signals together at the same time. No additional cables are needed.

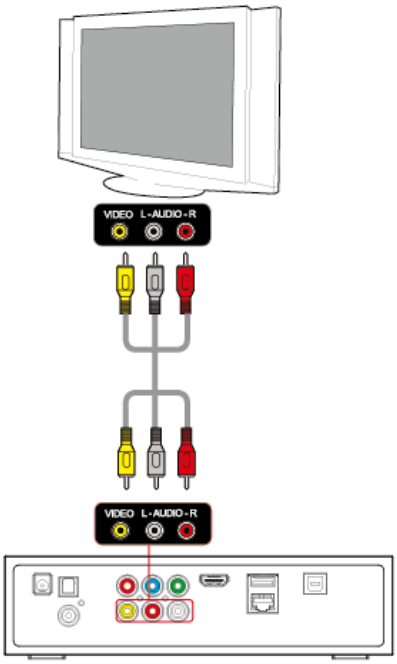
NOTE:
After you connect the video cable to your TV, you must press the TV Out button on your remote repeatedly control until you see the main page of the TVIX-HD on the screen.

Connection to Component Output :

Connect the product and your TV using the component cables.
Turn on the product and the TV. Select an appropriate video output mode on your TV until you get the main page of the product. Additional cables required for the audio.

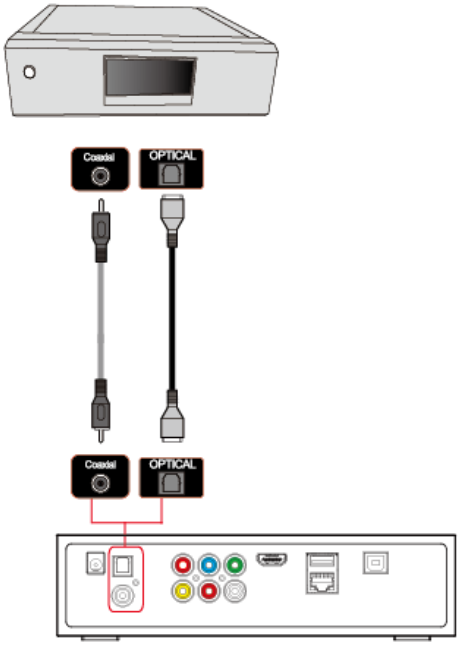
3.2 Connecting the Audio

Connection to 2 CH Normal TV



Connect the two audio cables, the white one on the left side and the red one on the right side, to the appropriate terminals of your TV or Hi - Fi system for sound output.

Connection to 5.1CH Amplifier (Digital)



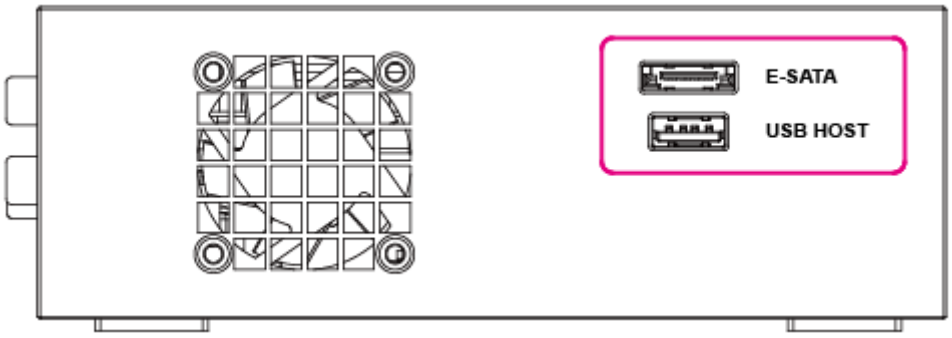
If you have a multi-channel decoder/amplifier with a coaxial/optical input, you can enjoy 5.1 CH high-quality sound through the coaxial or optical cables.
The illustration above shows how to connect the optical cable with an included optical jack.
(These cables are not included in the package and must be purchased separately.)

NOTE

If there is still no sound after connecting the coaxial/Optical cable, you have to change the audio setup of TVIX-HD to Digital on the SETUP menu.

3.3 Connecting the USB /e-SATA HOST

The TVIX-HD also provides two USB-host ports with USB 2.0(e-SATA) compliant host/ function processor.



USB-host allows communication between two USB devices. You can connect any external storage device (e.g. memory stick) or any external hard disk to play files stored in these external devices. You can even connect your Digital Camera directly to play digital images and pictures without any other devices.

USB HOST

e-SATA HOST

After connecting the client device, press the GOTO button on your remote control, and then navigate to the desired storage unit. You can thereby change the location from internal hard disk to external USB device and back

3.4 Using the remote control

This indicates Remote control Buttons.

POWER		Toggle Unit Power on / off
MUTE		Stop Audio Output from the Player
HDTV		Switch to DTV mode
MOVIE		Go to Movie folder
MUSIC		Go to Music folder
PHOTO		Go to Photo folder
Numeric Key	7	Insert number or text
16:9/4:3		Aspect ratio(16:9/4:3 letter box/4:3 Pan&Scan)
ZOOM		Zoom Video / Image Playback
PREV		Previous Chapter / File / Page Up on List
Next		Next Chapter / File / Page Down on List
JUMP/REW	Jump	Jump to USB Host or network drive
SORT/FF	Sort	File Sort or FF playback
OK/TIMESHIFTING		Selection/play/pause/time-shifting on/pause
ARROW		Cursor Navigation Arrow/Rewind / FF playback
RETURN		Stop Playback/Return to Previous Screen / Folder
VOL + / -		Volume (Increase / Decrease)
CH + / -		Switch TV channel/adjust subtitle sync
INFO		Display Media File Information
SUBTITLE		Subtitle ON / OFF, Change Settings
FAVORITE		Switch favorite channel
GOTO		Time-Stamp based Search/TV channel list/Device
SETUP		Enter Setup Menu, Apply/Confirm Setup Settings
AUDIO		Select multi audio
REPEAT		Repeat Media file(s) Playback
SHUFFLE		Switch between Random – Sequential Playback
TV OUT		Toggle Video Output Modes
TITLE		DVD Title Screen
MENU		Display Main Menu Screen/ DVD Title Screen
FUNCTION		File copy/ folder password/ Sleep Timer
GUIDE		Display DTV EPG Guide
BOOKMARK/SCH		Bookmark / manual recording in TV mode
ADD/DELETE		Add/Remove the recording list/ delete file
REC		Instant recording in DTV

3.5 Initial Setting

1 Connect the TVIX-HD to your TV using A/V cables, and turn on the TVIX-HD. You will see the following screens when you turn the unit on for the first time or when you select “Load Default Setting”.

2 When you see the initial page on your TV screen shown in the picture below, press the “OK” button on the remote control.

- In case of HDMI connection: TVIX-HD does not show this page but sets to the best resolution automatically and leads you to the next stage, “Language setting”.
- In case of other connections: TVIX-HD changes screen resolutions between NTSC, PAL, 480P, and 576P about every three seconds until the “OK” button is pressed, so press the “OK” button when you can see a clear screen.

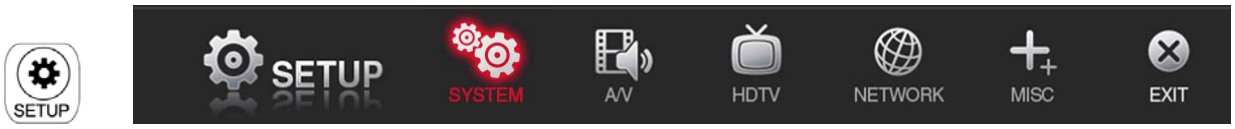
3 Select the language.

4 Now you can see the TVIX-HD main page.

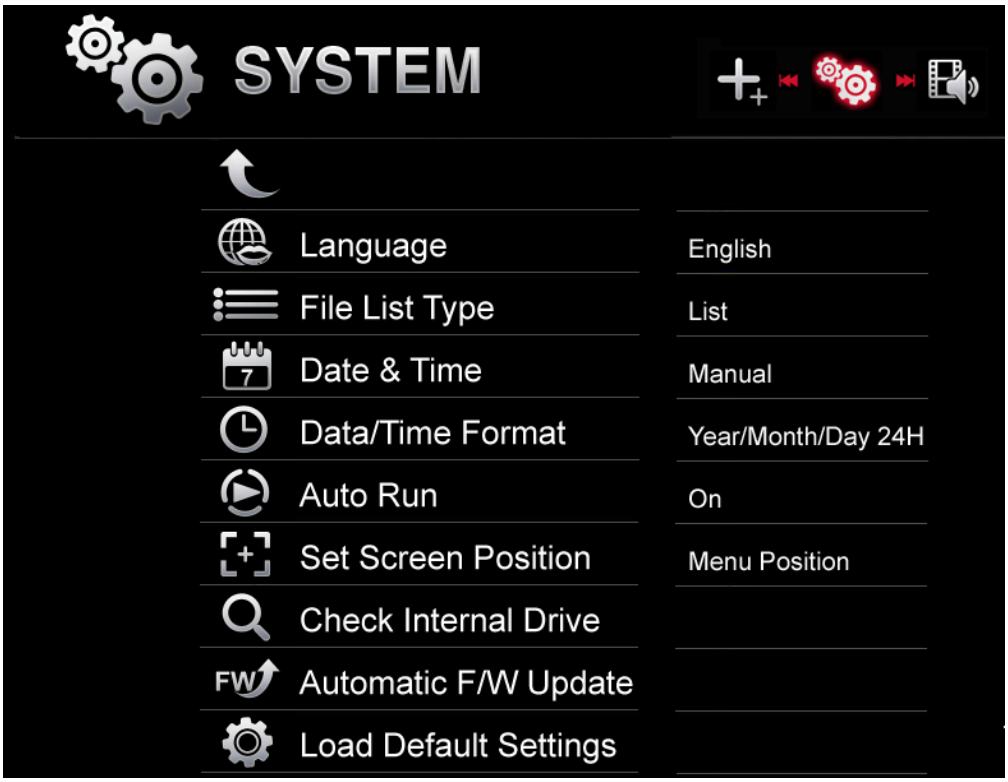
4 TVIX-HD Setup Menu

4.1 SYSTEM Setting

This section is about SYSTEM (Language or Time) settings. Press SETUP button on the remote control and select SYSTEM.



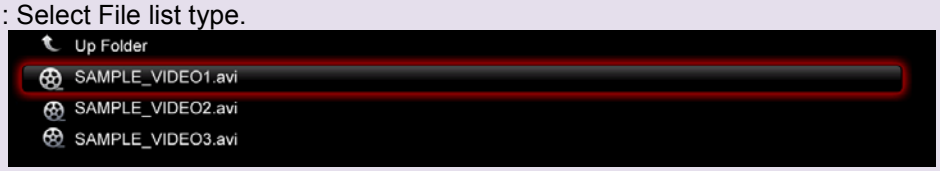
This screen allows you to adjust the SYSTEM settings of your TVIX-HD to your personal taste. Select menu to exit this SETUP. Press 'NEXT' button to move on to the next setup.



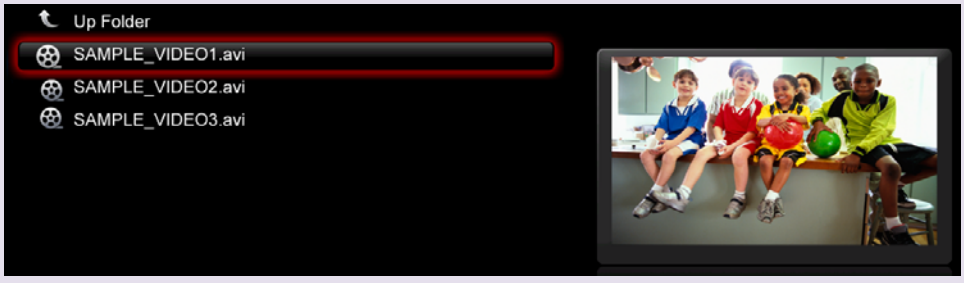
Language : Select your language or text encording.

File List Type : Select File list type.

List mode



Preview mode



Cover Art

Date & Time : Adjust the clock by using the arrow and numeric keys. Auto (Via Network) is also available.
Press Left/Right button on your remote control to move to another option.
Press Up/Down button on your remote control to make changes on the setting.

Data/Time format : You can change year/ month/ day format and choose between 12/24 hours.

Auto Run : You can make files play automatically when TVIX-HD gets loaded. If you select “random”, they play in a random order.

Set Screen Position : Adjust the UI display position, so that you can see the main UI display at the right place on your TV.
Arrow buttons and OK button are available.

1. Adjust Left - Top blue line.
2. Adjust Right - Bottom blue line.

Check Disk : TVIX-HD provides HDD check utility. If you have any problem with recording or file playback, we recommend running this utility before proceeding.
TVIX-HD automatically formats when you connect an unformatted hard disk to the TVIX-HD. Do not shut down the power while the hard disk is being formatted.

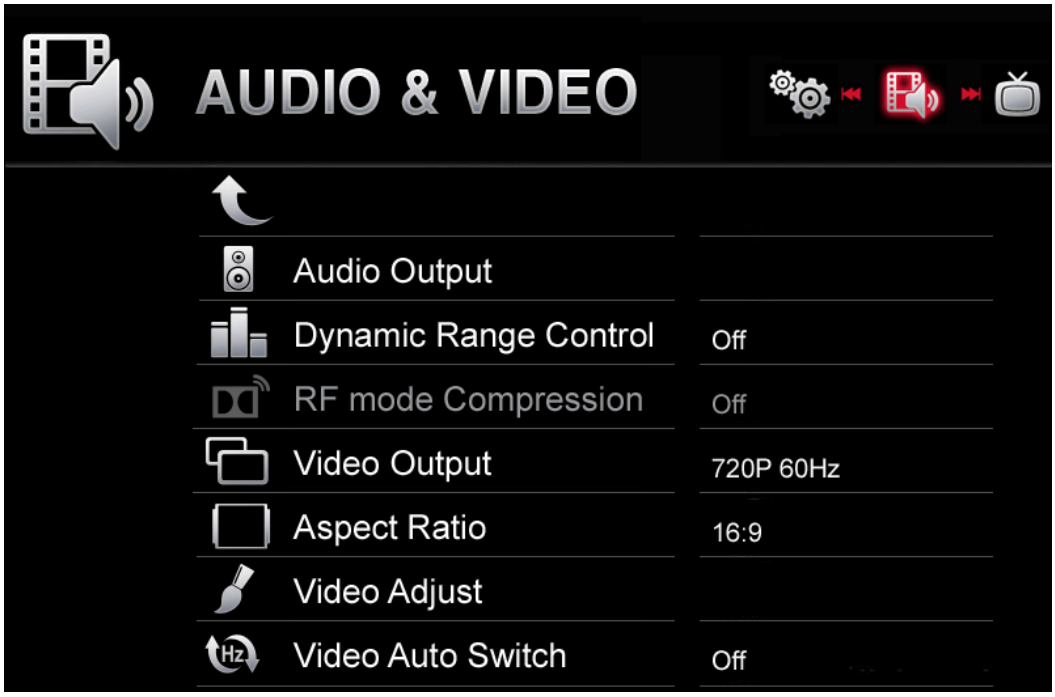
Automatic F/W Update : Now you can upgrade a new firmware if your TVIX-HD is connected to the internet. To upgrade it with our beta version of firmware, please press 2,3,8,2 of the numeric keys and then press the ‘Function’.

Load Default Settings : In order to revert to the Default setting, select this option. You will need to configure the video and sound settings again.

4.2 Audio/Video Setting

This section is about A/V (Video or Audio) settings. Press SETUP button on the remote control and select the A/V.

This screen allows you to adjust the A/V settings of your TVIX-HD to your personal taste. Select menu to exit this SETUP. Press 'NEXT' button to move on to another setting.



Set the **audio output** setting.

Select the HDMI or the S/PDIF that you want to hear the audio.

If you select the S/PDIF, you can set the detailed audio output with your Decoder/Amplifier. We recommend you to set the Dolby Digital and DTS to digital and AAC to analog.

If you don't hear MP3 or AAC audio, please set the S/PDIF setting to CUSTOM.

You don't need set this option when you connect RCA cable.

Digital Audio output (Digital RAW) : Select this when you connect the audio with an coaxial/optical cable for digital audio connection to the Decoder/Amplifier.

Dynamic Range Control : This function is for either decreasing high level sounds or increasing low level sounds.
[ON]: low volume at late night.
[OFF]: full dynamic range of the volume.

Video Output : Select this when you want to connect the video through a composite or a HDMI cable. With HDMI setting, you can select an output resolution between NTSC,PAL, 720p 50hz/60hz, 1080i 50hz/60hz and 1080P 50hz/60hz. 1080i should work on all HD grade TVs.

Aspect Ratio : 4:3 Letter Box / 4:3 Pan & Scan for ordinary TVs; 16:9 for Wide TVs, such as HDTV or Plasma TV.

If the ratio of the TV is 4:3, select the 4:3 letter box or 4:3 Pan & Scan. If the ratio is 16:9, select 16:9.

* The 4:3 Letter box can show the original ratio of the multimedia file in 16:9.

* The 4:3 Pan & Scan will adjust the image of the 16:9 multimedia file to the 4:3 of the TV screen by scaling the image. (This mode is currently not supported)

* 16:9 can adjust any ratio of the multimedia file to the TV screen with the original image.

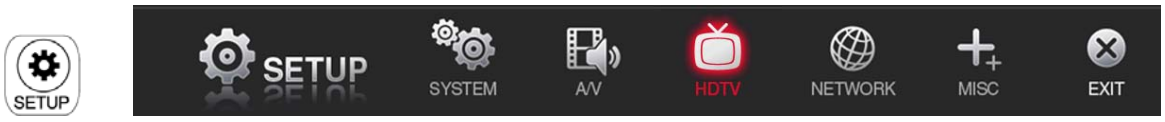
Video Adjust : Set the Brightness - Contrast - Hue - Saturation.

Press OK or STOP button to save and exit current video setting.

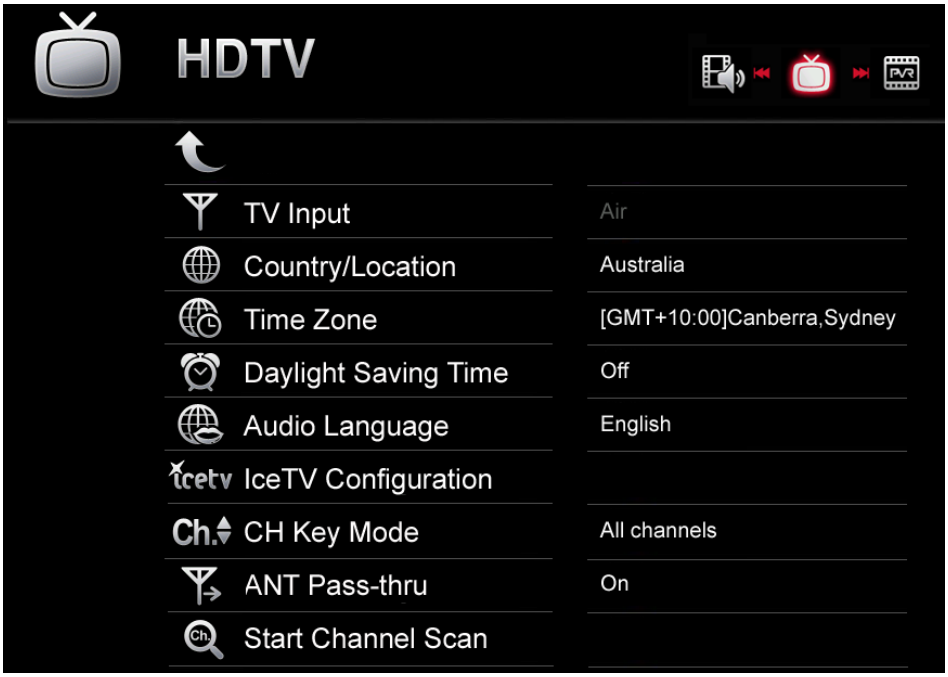
Video Auto Switch : is used when the video out is changed according to the 1080P 24Hz format.

4.3 HDTV Setting

This section is about HDTV settings. Press the SETUP button on the remote control and select HDTV.



This screen allows you to adjust the HDTV settings of your TVIX-HD to your personal taste. Select menu to exit this SETUP. Press 'NEXT' button to move on to the next setting.



TV Input : Select your input.

Country/Location : Select your country or location.

Time Zone : to use the EPG guide with the correct recording time zone, you have to configure your time zone by using the arrow keys.

Daylight Saving Time : set this option on if you are in the area of DST.

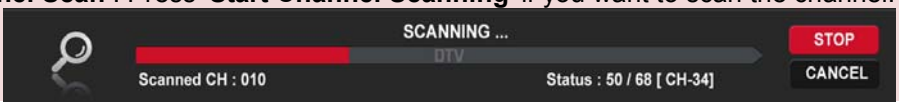
Audio Language : select default audio. To change the audio format, press the AUDIO button on the remote control.

IceTV Configuration : In Australia, you can choose IceTV EPG or normal EPG.

CH Key Mode : Select to favorite channels if you want to change the channel with CH button.

ANT Pass-thru : set to OFF if you don't use antenna pass-thru.

Start Channel Scan : Press '**Start Channel Scanning**' if you want to scan the channel.

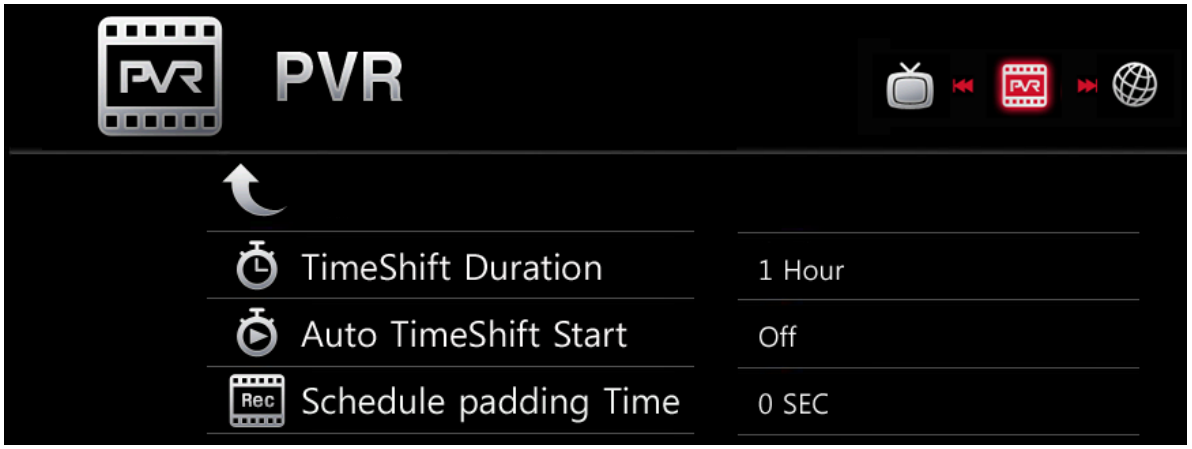


4.4 PVR Setting

This section is about PVR settings. Press the SETUP button on the remote control, and select PVR.

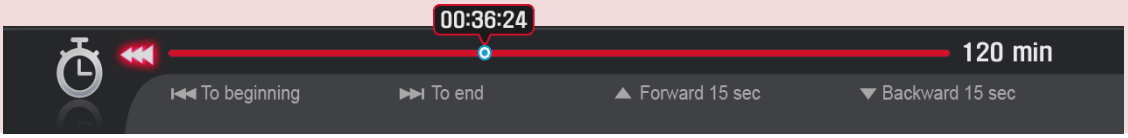
This screen allows you to adjust the PVR settings of your TViX to your personal taste. Select menu to exit this SETUP. Press 'NEXT' button to move on to the next setting.

This setting will be activated when you connect the tuner box.



TimeShift Duration : Set the maximum time-shifting interval.

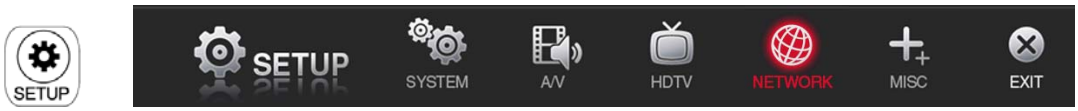
Auto TimeShift Start : Time-Shifting automatically starts when the product is switched to TV mode.



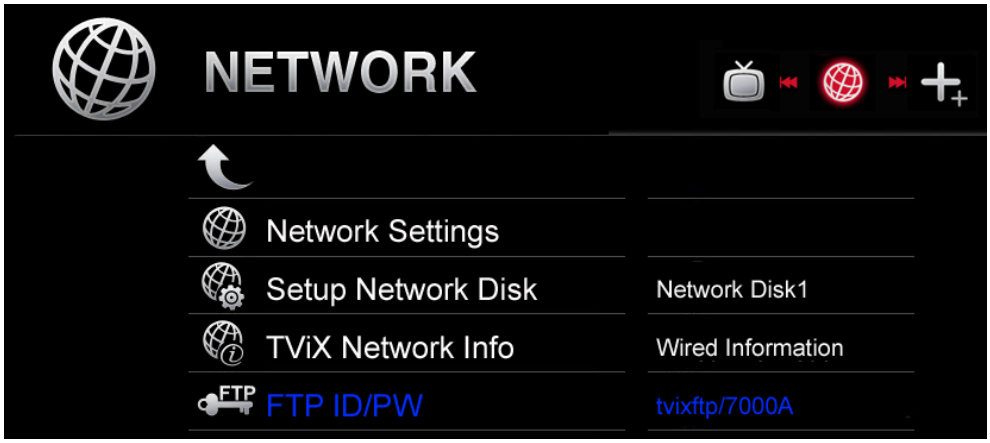
Schedule Padding Time : Adjust schedule padding time manually.

4.5 NETWORK Setting

This section is about NETWORK (Network or FTP) settings. Press the SETUP button on the remote control, and then select NETWORK.



This screen allows you to adjust the NETWORK settings of your TVIX-HD to your personal taste. Select menu to exit this SETUP. Press 'NEXT' button to move on to the next setting.



**** For detailed Network instructions, please refer to the enclosed TVIX-HD CD or the latest pdf file on the TVIX-HD Homepage.**

It allows you to connect to network easily with uPnP support, and it does not require an IP address. You can immediately playback uPnP connected files (even full HD files) on wired/wireless network environment.

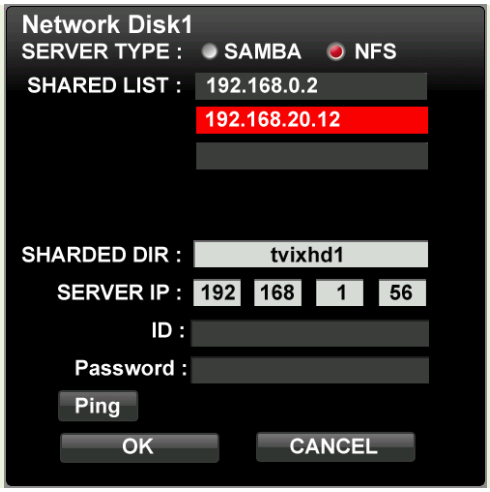
With Samba Server technology support, it can be used as a network storage device using a window explorer for PC users, and it can also be used like a computer hard disk by specifying the shared folder between users in the same network as a network drive.

With NFS, TVIX-HD can play high bit-rate files from a PC flawlessly over a LAN.
We recommend NFS connection over SAMBA. You need to install the TVIX-HD Netshare program (or other NFS server) on the server PC, but the settings are much easier than in SAMBA mode.
You can download NetShare installer from our website to easily configure your NFS network.

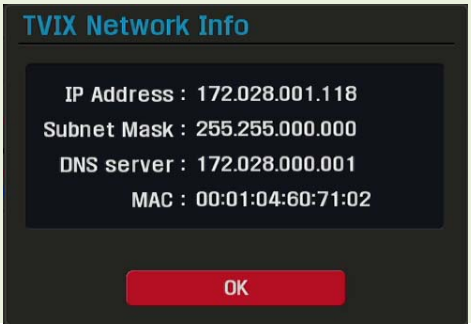
To use the network with the Netshare, first please connect TVIX-HD into PC with USB cable to be authenticated once.

Network Settings : Configure Wired network or Wireless network.

Setup Network Disk : This function searches and helps you find PCs connected to the network.
SAMBA: If you have a guest account, shared folder names can be listed and can be selected.
NFS: Connected PCs are listed automatically in NFS of NAS storage or Netshare.
In case of Netshare, if you select a tvixhd1 or tvixhd2, IP of PC is displayed.



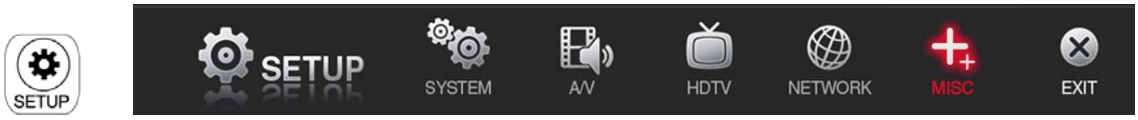
TVIX-HD Network Info : You can see the information of TVIX-HD's Network.



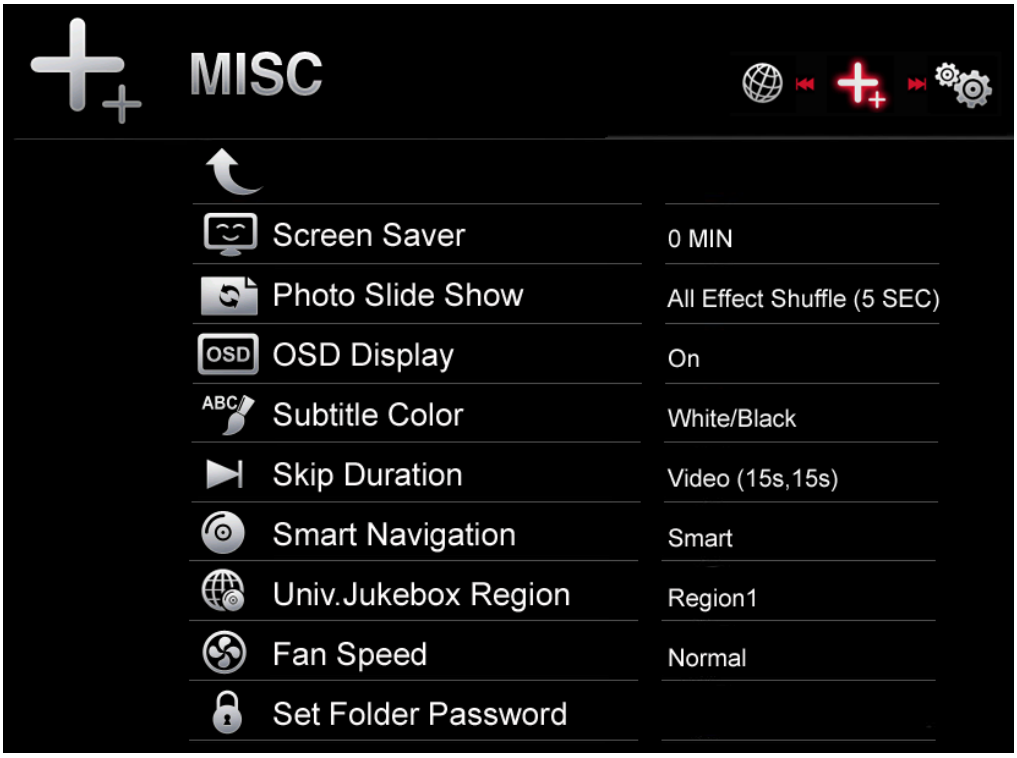
FTP ID/PW : to use FTP function, you must use the ID & password displayed on the Network in Menu within SETUP. The FTP ID is tvixftp. You can use capital letters only for the password.

4.6 MISC Setting

This section is about MISC (Photo effect and Subtitle) settings. Press the SETUP button on the remote control, and then select MISC.



This screen allows you to adjust the MISC settings of your TVIX-HD to your personal taste. Select menu to exit this SETUP. Press 'NEXT' button to move on to the next setting.



Screen Saver : If there is no activity the screen saver will be activated after a certain time. You can change the Screen Saver time on this menu.

Photo Slide Show : is used when playing background music while watching picture a slideshows.

OSD Display : Select the type of OSD display while playing a video.

Subtitle Color : Change the color and outline of subtitles.

Skip Duration : You can change the Skip duration(up/Down button) of video playback.

Smart navigation : If there is a VIDEO_TS.IFO file in the folder, clicking on the DVD folder will automatically play back .VOB content.

Univ. Jukebox Region : Change the region of universal jukebox.

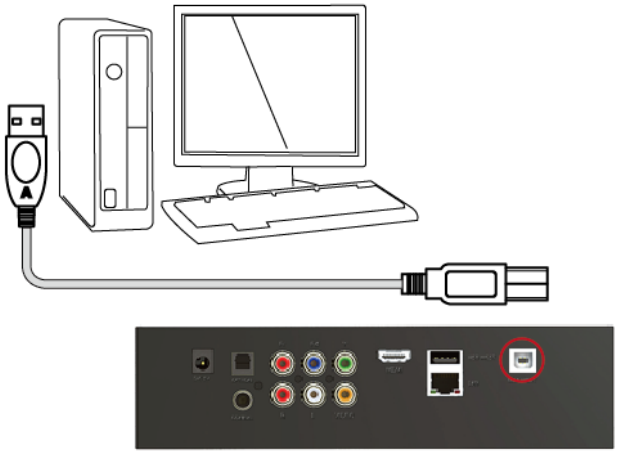
Fan Speed : Select theFan Speed. We recommend the Normal setting.

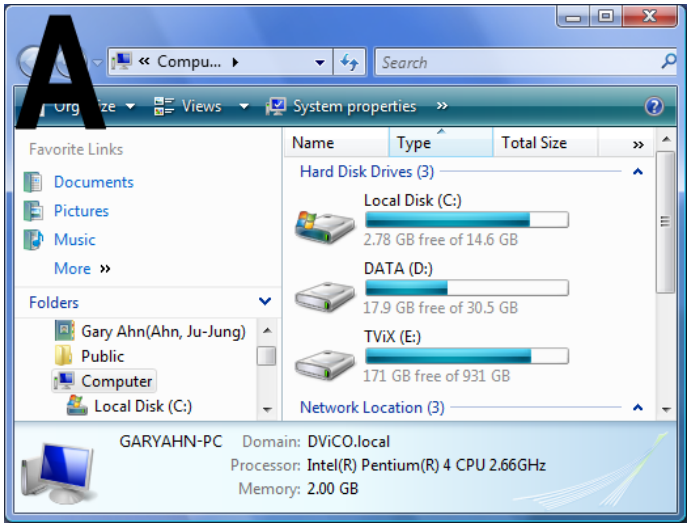
Set Folder Password : In order to password-protect folders, firstly you will need to setup the Admin Password. Default Admin Password: 0000 (4-zeros). Perform the SETUP-SYSTEM-Load default settings if Admin Password gets lost.

5 Initial Usage of TVIX-HD

5.1 Making an HDD Folder

1 As shown in the picture below, one end of the USB cable should be connected to the USB connector of the TVIX-HD, and the other end to the computer.

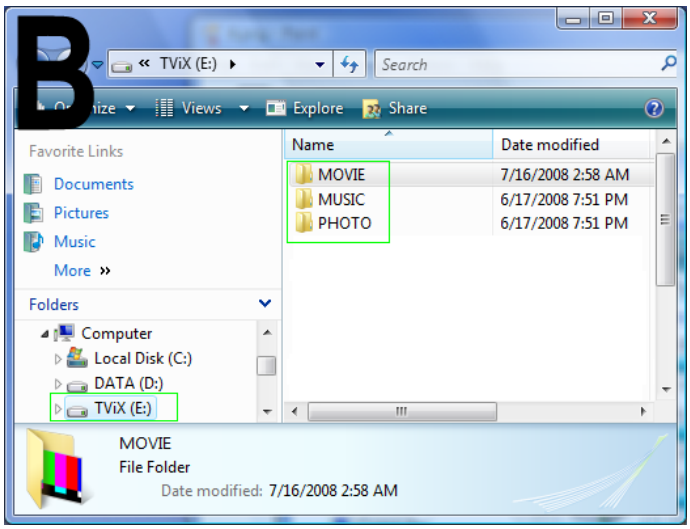




2 After connecting to the PC, turn on the power of the TVIX-HD.

3 Double click on the icon 'My Computer', and you will see a newly created drive; TVIX-HD as shown in picture 'A'.

(The name of the drive can be changed.)



4 For easy usage, double click TVIX-HD and make separate folders and name them as MOVIE, MUSIC, and PHOTO. Then store all your files accordingly to each folder.

5.2 Movie Playback

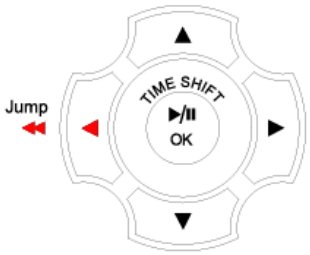
When installation is successfully finished, you will able to see Main MENU screen.
You'd better copy a video file into the MOVIE folder in advance.

1 MOVIE, MUSIC, PHOTO, SETUP icons are shown.

2 Select the MOVIE menu by using the Up/Down arrow button on your remote control.

3 After selecting the icon, press the OK( ) button.

4 If you want to change the partition of the HDD, press the Jump/Left button.



5 Using the up/down button, select the Video file content.

By pressing the OK ( )button, you will be able to play the video file.

TIP ~

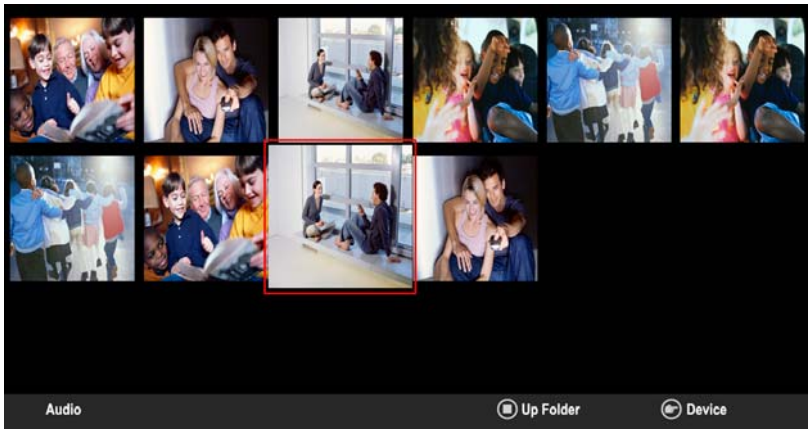
If you want to play the next video, press the NEXT( ) button.

If you want to play the previous video, press the previous(|◄◄) button.

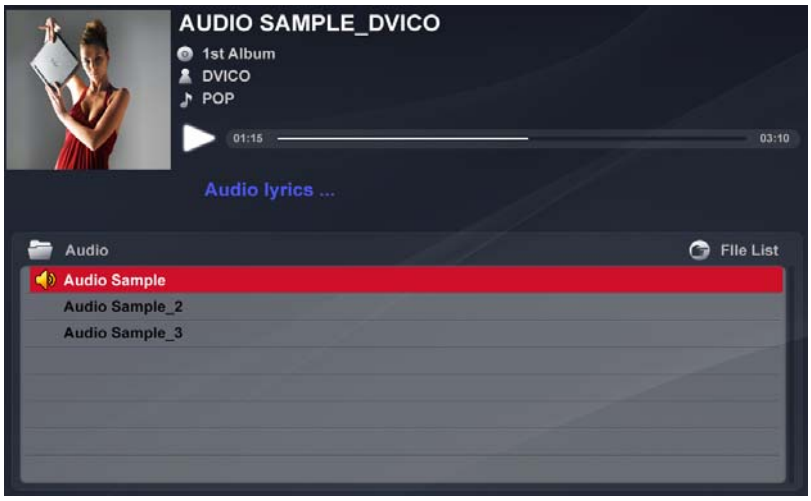
5.3 Music Playback

You can copy audio files to the MUSIC folder in advance and play music files..

1 If you cannot see the MAIN MENU screen, press the MENU( ) button on your remote control.



2 Select the MUSIC menu on the Main screen and press the OK( ) button.



3 You will see the audio file contents that you have just copied.

4 Select the audio file content using the up/down button. Then by pressing the OK button on the content highlighted you will be able to play back the audio file.

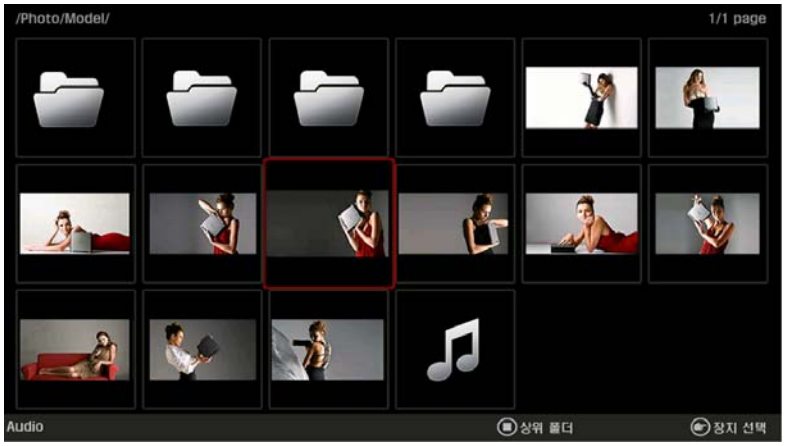
TIP ~

If you want to play the next audio, press the NEXT( ) button.

If you want to play the previous audio, press the previous(|◄◄) button.

5.4 Photo Playback

You may copy image files into the PHOTO folder in advance and play the image or photo files.



1 You can press the PHOTO button on your remote control without selecting from the menu screen

2 Press PHOTO ( ) button.

3 You can see the image files that you just copied.

4 Select the image files using the up/down button. By pressing the OK button, you can easily play the image file content.

5 If you want to play the next image, press the NEXT(>>|) button.

TIP ~
You can play the Music and Movie as well as the Photos with the remote control.

If you connect the LAN cable or external USB, Network or USB icon is enabled on the main Menu .
We're supporting up to 4 hard disk partitions, 4 network PC, 4 USB1 partition and 4 USB2 partition.

You can change the device or partition with GOTO button on the remote controller.

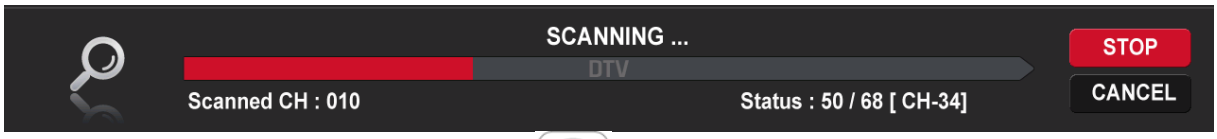
6 Using TViX PVR

- The PVR can play HDTV without a digital TV set-top box with excellent and super-clear display on HDTV screens. The PVR supports standard DTV features, such as EPG and Time-shifting.
- The PVR has various recording features, including direct recording, scheduled recording, and repeated manual recording, to enable the user not to miss a single program of digital TV.
- Time shifting is the recording of programming to a storage medium to be viewed or listened to at a time more convenient to the consumer. Being interrupted while watching live TV programs (such as pick up phone calls & answer the door), all you need to do is simply press the OK button to freeze the picture for a period of time and then later press OK again to pick up right where you left off.
- TViX PVR doesn't support satellite reception.
- DVICO Inc has no responsibility for recorded programs or files made or distributed for any illegal purposes. The party or parties who record or distribute the contents bear all responsibility (Civil or Criminal) direct or indirect.

6.1 Channel Scanning

1 When installation is successfully finished, Press SETUP(SETUP) - HDTV on your remote control.
2 To scan the channels, you can use the Start Channel Scan menu on the SETUP-HDTV menu.

3 To improve the picture quality in a poor signal area, please purchase a signal amplifier and install properly.
4 The channel scan takes about 5~6 minutes.



5 To stop the channel scanning, Click on OK(▶/II OK) button on the remote control or select the STOP on the scanning window.

6 After scanning, you have to configure the time zone on SETUP-HDTV, If you want to use the EPG guide, you have to set your time zone correctly.

※ Checking Digital signal Reception
① Press the INFO button on the remote control.
② The signal-strength meter will appear on the INFO window.
③ If the meter indicates weak signals, adjust your antenna to increase the signal strength. Continue to adjust the antenna until you find the best position with the strongest signal.

TViX displays on screen when you press an invalid key.
*** To delete scanned channels, press GOTO - choose channel - ADD/DELETE button.**

6.2 Using TViX PVR

Select HDTV icon on the main menu to play the HDTV mode (Without tuner box, this menu is not available.)

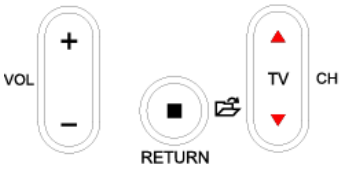
: Press HDTV button on your remote control to switch the TV mode

6.2.1 Channel switching

1 Press CH +/- button to change the TV channels.

2 You can also enter the channel number by using the numeric keypad on the remote control and the channel will change after a few seconds.

- Previous Channel(SHUFFLE button).



3 To check the scanned-channel list, press the GOTO button( ) in DTV mode.

You can change the channel by using Up/Down and OK button.

4 Press Add/Delete button, and you can add the channel to favorite channel. You can change the favorite channel by clicking the FAVORITE button.

In case of dual tuner, You can watch other channels while recording a program you want.

6.2.2 Instant recording

• This function records the currently displayed channel.
• In case of dual tuner, You can watch other channels while recording a program you want.

• Select the desired channel to record while watching and then press the REC button( ) to record.

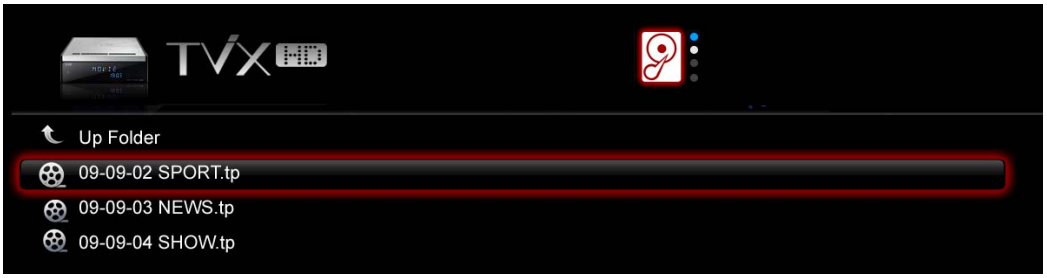
• Press the STOP button ( ) to stop recording, or, when the recording duration is reached, the TViX will stop recording.

• The recorded file is stored to the hard disk of the TViX in a folder named PVR.

• The file is saved with a name of the form “YY-MM-DD_program name.tp”

The hard disk must be formatted using the NTFS file system. If the FAT32 file system is used, an error message appears sometimes.

• livepause folder is a temporary folder for time-shifting, so you may ignore this folder name.



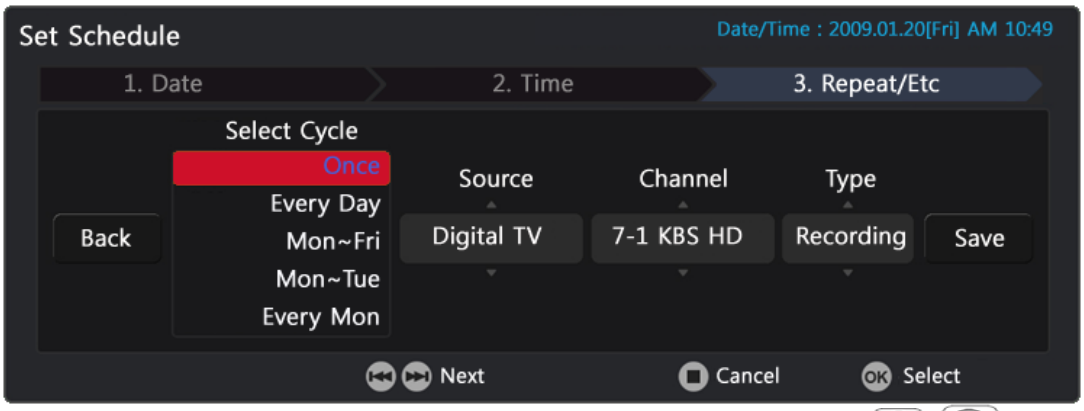
• Clicking on the REC button(REC) .

• When recording, Press the INFO button( ) on the remote control, and you can see recording information.

• When recording, press the Add/delete button, the recording will be canceled.
• When recording, if the available storage space runs out, the recording will automatically stop.

• The information about the current broadcast program can be seen when you press the INFO button

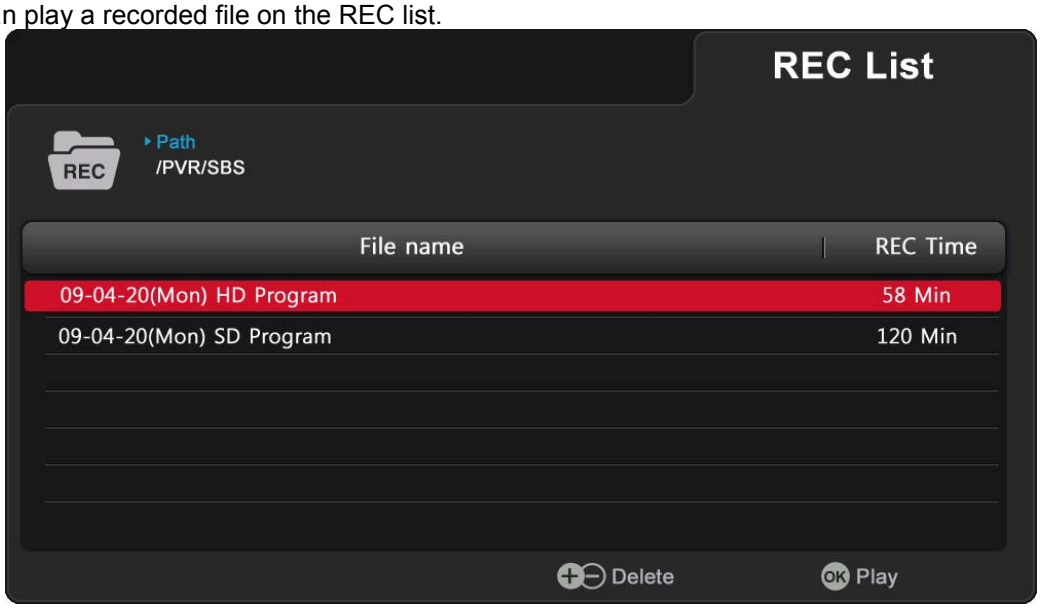
( ) while viewing broadcast programs.



Reservation steps could be rearranged when you press the Next Content button ( ) on the remote control.

4 In order to play the recorded files, press MOVIE, switch to File Mode, and then select the recorded file. Or you can also press BOOKMARK/SCHEDULE button, select Recording List, and then play the recorded file.

5 You can play a recorded file on the REC list.



6 In order to record by auto-rebooting when the TViX is off, the TViX has to be off 3 minutes before the recording time. It will automatically switch to TV mode and start recording. When the TViX is on, it starts reserving at the reserved time.

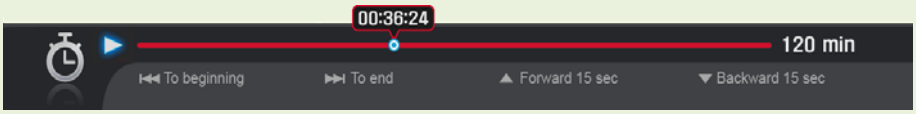
6.2.5 Using Time-Shifting

Time shifting is the recording of programming to a storage medium to be viewed or listened to at a more convenient time. If interrupted while watching live TV programs (for example, to pick up phone calls or answer the door), you simply press the OK button to freeze the picture for a period of time and then later press OK again to pick up right where you left off. The Time-shifting buffer is preserved when you change the channel.

Note: You cannot use the DTV time-shifting on FAT32 partitions, so we recommend that you format your SATA HDD to NTFS.

DTV Time shifting requires a maximum HDD space of 9G/hour.

Start/Pause the time-shifting function. Pressing the button alternately starts pausing or resumes from pausing to watch the TV in time-shifting mode.

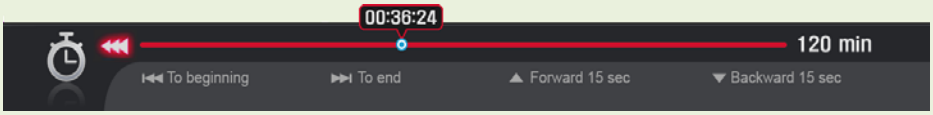


Stop the time-shifting function and display live TV.

Go to the start position of the time-shifting buffer.

Go to the Live position (end of the time-shifting buffer).

FF/REW in time-shifting mode.



you simply press the Up or Down button to jump 15 seconds.

* Pressing the Zoom button while you are playing files, you can change the screen as ZOOM +/- --> screen Scroll --> save.

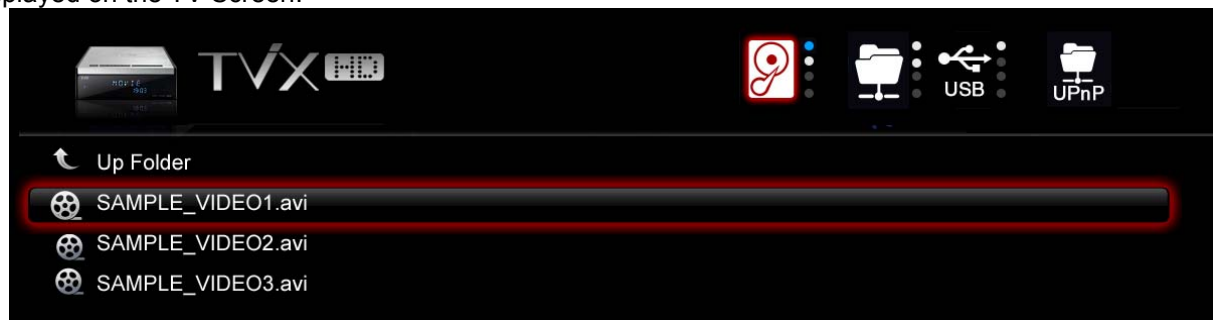
7 Using the remote control

7.1 Descriptions of Each Button

Basically, for playback of multimedia files you choose the file you want by navigating to it with the menu buttons and left/right and up/down arrow buttons and then press the OK button.

7.1.1 Video Playback

When you press the MOVIE button ( ) on your remote control, the TVIX-HD MOVIE folder contents are displayed on the TV Screen.



Press the **JUMP(**)button on your remote control to select another input source.

TVIX-HD displays on screen when you press an invalid key..

<NOTE>

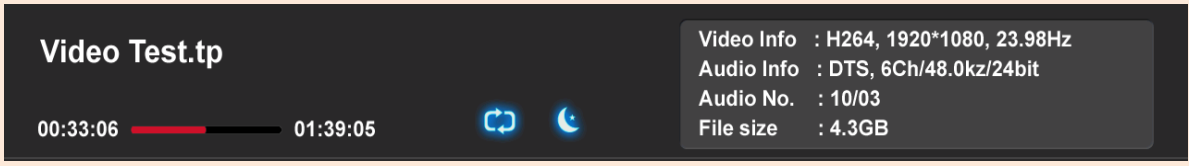
Play or pause file.

Stop playing a file.

Go to the next file.

Go to the previous file.

Shows information of the contents.



Pressing Info button while you are not playing files shows remaining HDD space.

4:3 Letter Box / 4:3 Pan & Scan for ordinary TVs / 16:9 for Wide TVs such as HDTV or Plasma TV.

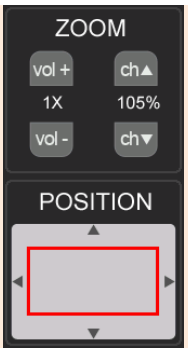
If the ratio of the TV is 4:3, select the 4:3 letter box or 4:3 Pan & Scan. If the ratio is 16:9, select 16:9.

① The 4:3 Letter box can show the original ratio of the multimedia file in 16:9.

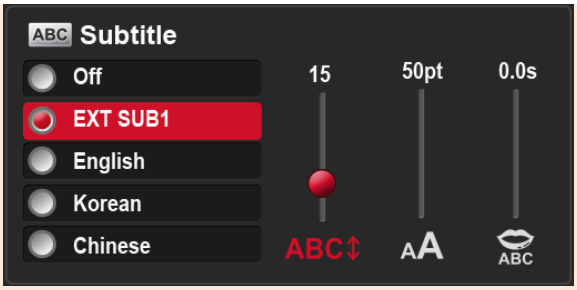
② The 4:3 Pan & Scan will adjust the image of the 16:9 multimedia file to the 4:3 of the TV screen by scaling the image. (Currently this mode is not supported)

③ 16:9 can adjust any ratio of the multimedia file to the TV screen with the original image.

Pressing the Zoom button while you are playing files, you can change the screen
Vol + : change from 1X to 9X.
CH+/- : change 0% ~ 180%
Left/Right/Up/Down : Scroll the screen.
Zoom and scroll function will be default when you stop the video.



Subtitle color or outline is configurable on the SETUP-MISC menu.
Supports .SUB (bitmap) + .idx subtitle files as well as MKV internal subtitle or smi external subtitle
Some subtitle is not available to change the subtitle position, size or sync.



Select subtitle you want and press right button on your remote control to change the position, size or sync of subtitle.

Change Subtitle Position : ABC↕

Change Subtitle Size : AA

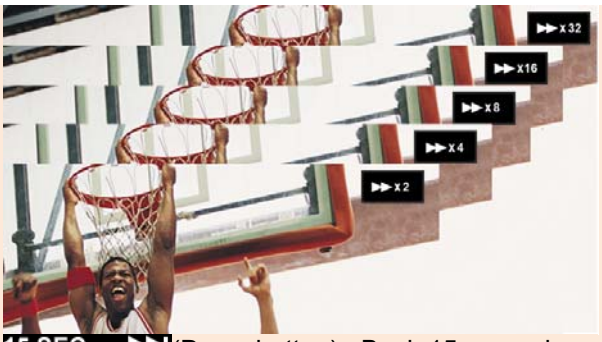
Change Subtitle Sync : ABC

You can also change the subtitle sync by using CH +/- button on your remote control.

Pressing GOTO button while you are playing files, You can choose the time. After choosing you can play directly.
The present playing time will be displayed with the GOTO function.

FF/REW Button
Pressing FF button while you are playing files, you can change the FF mode.
2X→4X→ 8X →16X → 32X.

Up/Down Button : 15 seconds skip forward or backward.



15 SEC (Down button) : Back 15 seconds.
15 SEC (Up button) : Skip 15 seconds.

ADD DELETE

is used to delete the file or folder from the TVIX-HD Local hard disk.
When you do delete files or folders, you must run the HDD check disk periodically.

FUNCTION

During playback You can set sleep time by pressing function key repeatedly on a remote control.
SLEEP ON will blink for 3 minutes before turning off.

SETUP

In these menus, you can adjust the Contrast, Brightness, Hue and Saturation as well as other setup settings.

If you stop when playing a movie, the stop position will be automatically saved and you can resume it later anytime by pressing the "bookmark" button on the remote control.
- save up to 32 bookmarks on 32 individual files. (It cannot save 2 bookmarks on a single file.)
- Bookmarking works for all video files.
- A video file where the folder is setup with a password cannot be saved.
- When replaying the same file, only the last play position will be saved (thus, bookmarked).
- A file deleted from the hard disk will be automatically deleted from the bookmark list as well.

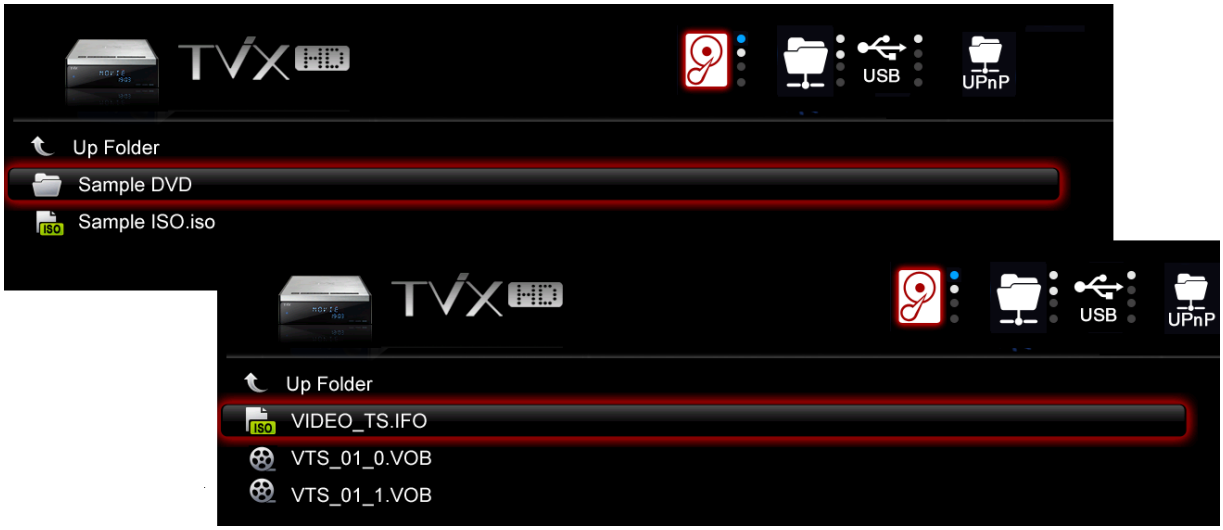
Pressing AUDIO button while you are playing multi audio files, you can change to alternate audio tracks.

Adjust the play mode to repeat Track, repeat All or repeat off.

7.1.2 DVD Navigation

For playback of DVD files copied to the HDD, navigate to the **VIDEO_TS.IFO** file and press OK.

Full DVD navigation works as with a standard DVD player.



< DVD Jukebox Keys >

▶/II OK	Play/Pause (when a movie is playing). Select file (in the menu screen).
■	Stop playing.
▶▶I	Go to the next chapter
I◀◀	Go to the previous chapter
INFO	Show the information of DVD.
	MENU : Go to the DVD root menu.
◀ ▶	FF/REW Button Up/Down Button : 15 seconds skip or 15 seconds backward.
	AUDIO: Change the audio the available tracks. (International dubbing, Dolby Digital, 2CH, 5.1CH, DTS etc.)

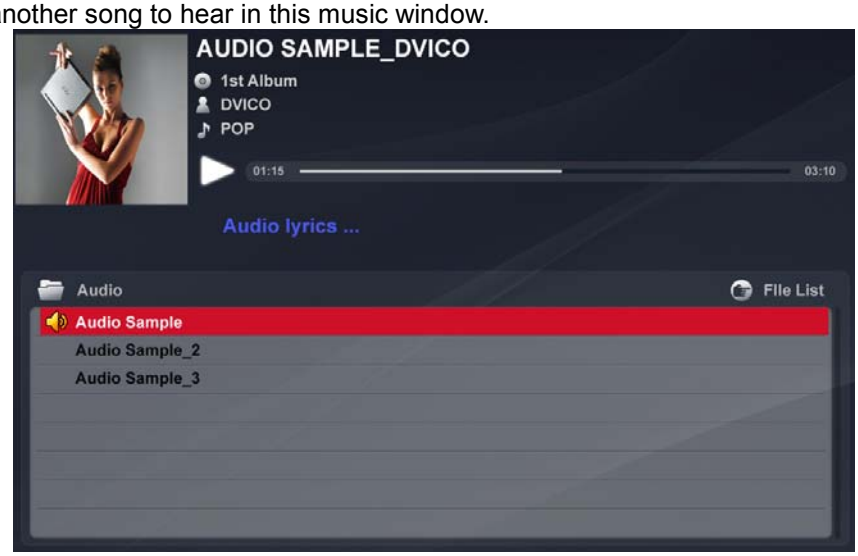
** The operation of “arrow” and “VOLUME UP/DOWN” is the same for Video operation.

7.1.3 Audio Playback

When you press the MUSIC button(

) on your remote control, the contents of the TVIX-HD Music folder will be displayed.

If you press audio file, then you will get the screen of music window.
You can choose another song to hear in this music window.



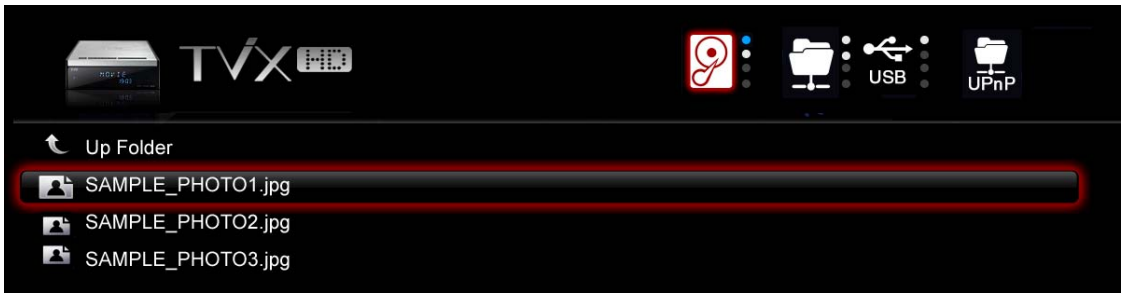
** Some functions may require updating to the latest firmware.

< NOTE >

	Play or pause file.
	Stop playing
	Go to the next file.
	Go to the previous file.
	Change a music while playing.
	FF/REW button. CH Up/Down Button : 15 seconds skip or 15 seconds backward.
	Shuffle Function (Random Playback), Press the Shuffle button to play the files of the present directory randomly.
	REPEAT : Adjust the play mode to repeat Track, repeat All or repeat off.

7.1.4 Image Playback

When you press the PHOTO button( ) on the remote control, the contents of the TVIX-HD PHOTO folder will be displayed.



TVIX-HD displays on screen when you press an invalid key.

< NOTE >

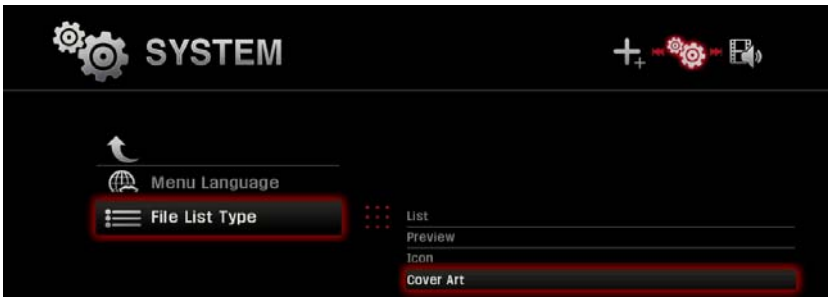
OK	Play or pause file.
■	Stop playing
▶▶	Go to the next file.
◀◀	Go to the previous file.
INFO	Show the information of the image.
◀ ▶	Rotate the image.
ZOOM	You can change and set the size of the picture with the ZOOM. With Zoom mode, you can scroll the image by pressing the arrow buttons.

- You can set the slideshow delay or slide show effect at the SETUP-MISC menu.
- Some non-standard JPEG files may not be displayed..[Progressive jpeg is not supported].
- You can use the Background Music Slide function if there are audio files and image files in same folder.

7.2 Extra Features

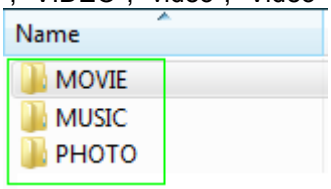
7.2.1 Using Cover Art

1 Please change the File list type to Cover Art on the SETUP-SYSTEM.



2 If a name of folder, which on the root folder, is starts with one of below words (case insensitive), it will shows Video cover art mode instead a normal icon mode.

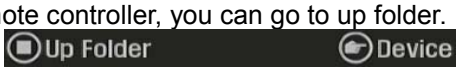
. Folder name : "MOVIE", "movie", "Movie", "VIDEO", "video", "Video"

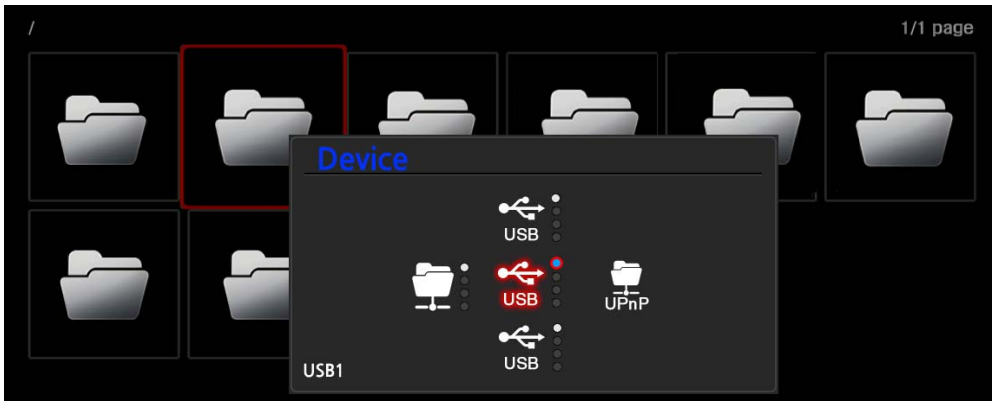


3 To play a video, press PLAY button.

If file name is Preview_~~, PREVIEW menu iwill be activated.(File name : Preview_aaa.mkv)

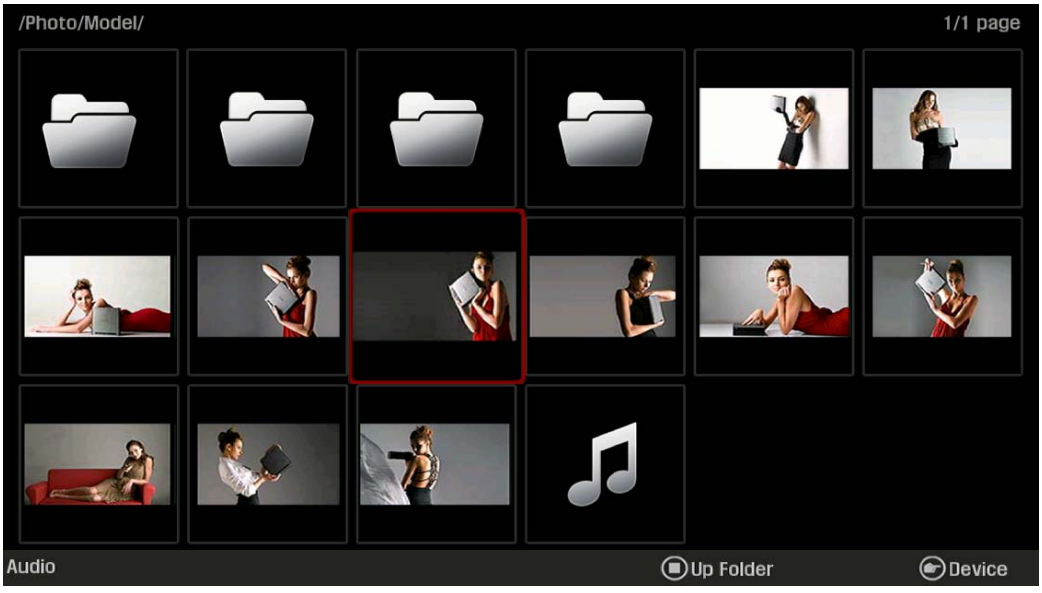
4 Press ‘GOTO’ button on the remote controller, you can change the Device.
Press ‘STOP’ button on the remote controller, you can go to up folder.





** **Audio Album Art** : It will show 186*186 Album art for all the folders under "MUSIC", "music", "Music", "AUDIO", "audio", "Audio".

** **Photo Thumbnail mode** : It will show jpeg files as 186*186 thumbnails for all the folders under "PHOTO", "photo", "Photo", "PHoto", "PHOto", "PHOTo".



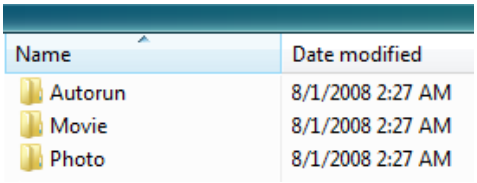
** If you want add icon image and background image manually, please insert folder.jpg and tvix.jpf file in the folder.

tvix.jpg : 1280*720 resoultion.
Video icon (folder.jpg) : 138*186 resoiution.
Music icon (folder.jpg) : 186*186 resoiution.
Photo icon (folder.jpg) : 186*186 resoiution.

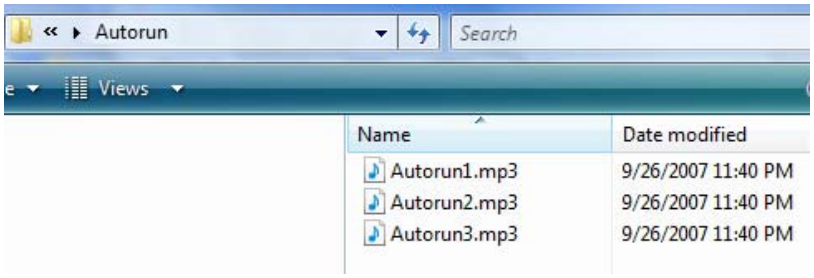
7.2.2 Using the AutoRun Function

When you want to play music with the TVIX-HD, but do not have any display devices, the following function may come in handy.

1 Make a folder and name it, “autorun” and place it in the root directory of the First partition.



2 Copy media file(s) or a list file in the “autorun” folder.



3 If you want to change the setup, push the SETUP button on the remote control. Then go to the SETUP-SYSTEM tab. Set AutoRun option to ON. If you set the AutoRun option to OFF, the function will not work. If you select ‘Shuffle,’ files will play randomly.

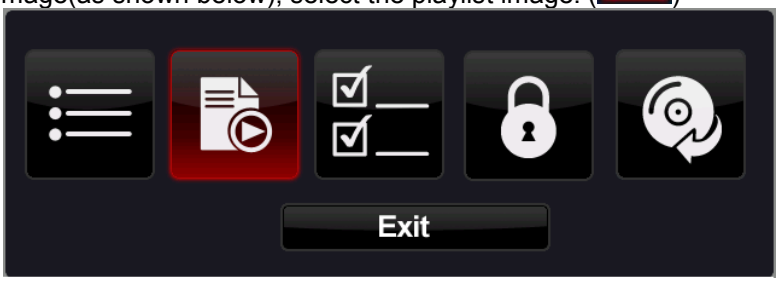
4 After setting the configuration, turn off the TVIX-HD and then turn it on again. The TVIX-HD will play the media file from the under ‘/HDD1/autorun’.

7.2.3 Using playlist

TVIX-HD allows you to make/edit a playlist without you having to turn on your PC.

1 Move to a folder where you want to create a list, and then press the FUNCTION button.

From the set-up image(as shown below), select the playlist image. ( )



2 Playlist addition is separated into two windows. Select a file that you want to add from the left window, and then click on OK in order to add the file to the list on the right side.

You can move around between the two windows using left/right direction keys.

OK	Left window : make additions to the playlist, Right window: save the playlist file
	Leave the playlist window. If you leave without clicking on OK on the right window, the list does not get saved.
	Remove the selected list from the right window.
CH	Change the order of playback on the right window.

3 Completed list(playlist xx.m3u) is saved where you pressed on FUNCTION, or the place you started to make a playlist.

Since the location is fixed, if you wish to save it in a particular folder, create a folder, and then select the playlist addition button in that particular folder

4 If you want to edit list files, go to list file(playlist xx.m3u), select FUNCTION, and then select the “edit list” icon( ).

** Image file is not available when adding the play list.

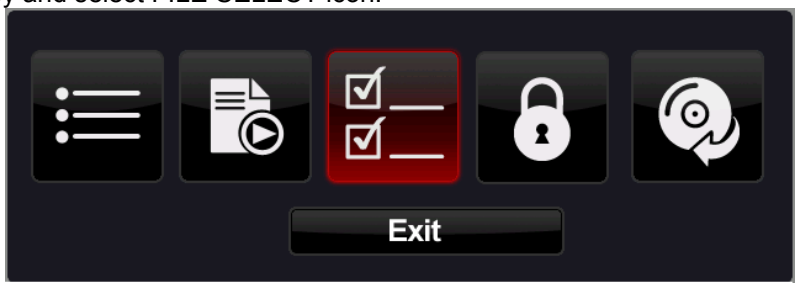
** It will not play the file if the location of the saved list file is changed.

7.2.4 Using File Copying

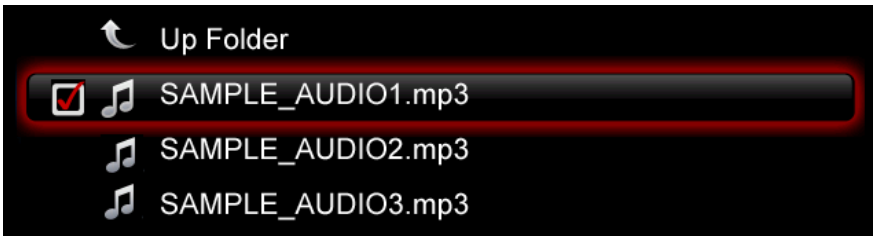
TVIX-HD supports File Copy functionality without Using PC. You can now copy Contents from external USB hard disk to the internal hard disk of TVIX-HD and also Copy the contents within the internal hard disk of TVIX-HD.

TVIX-HD internal HDD < -- > internal HDD,
TVIX-HD internal HDD < -- > Network DISK)
TVIX-HD internal HDD < -- > external USB DISK (except nonstandard devices.)

1. Select the folder containing source files.
2. Press Function key and select FILE SELECT icon.

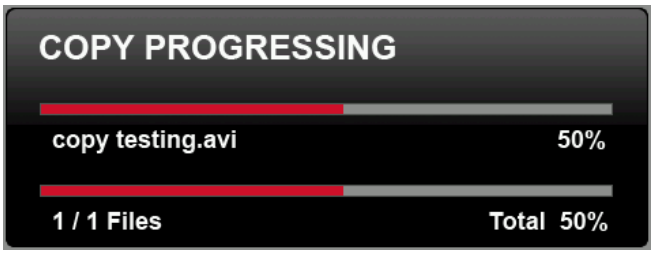


3. Select source file by using Up/Down key and OK button.
Do not change to another folder in this mode. If files are selected, selected files are checked.



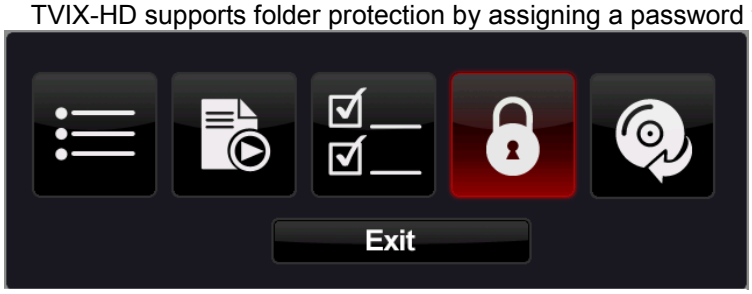
4. After selecting the file, press the right key again and then select the COPY icon( ). To cancel copying, press cancel icon.
5. In case of paste mode, you can use arrow keys, so that you can change the target folder. Navigate to the folder where you want to copy, and press the right key again then select the PASTE icon( ).

6. You will see progress pop up after pressing PASTE icon as shown below



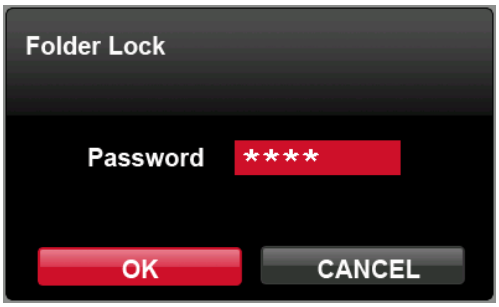
7.2.5 Folder Security

TVIX-HD supports folder protection by assigning a password to the folder.



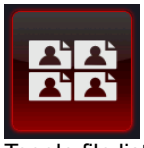
1. Select the folder that you want to password protect.
2. Press the Function button on your remote control.
3. Select the Set Password icon to set up the password.

4. Press a 1~8 digit number from the Numeric key on the remote (Ex: 1234). Press the OK button to complete set up.
Perform the SETUP-SYSTEM-Load default settings to clear the password if the Admin Password is lost.



< < Notice >

- The Set password and Remove password icons will be activated when a password is assigned to the folder.

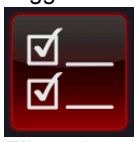

Toggle file list type

Add Playlist

Edit Playlist

Set password

Remove password


File select

File copy

File Paste

File delete

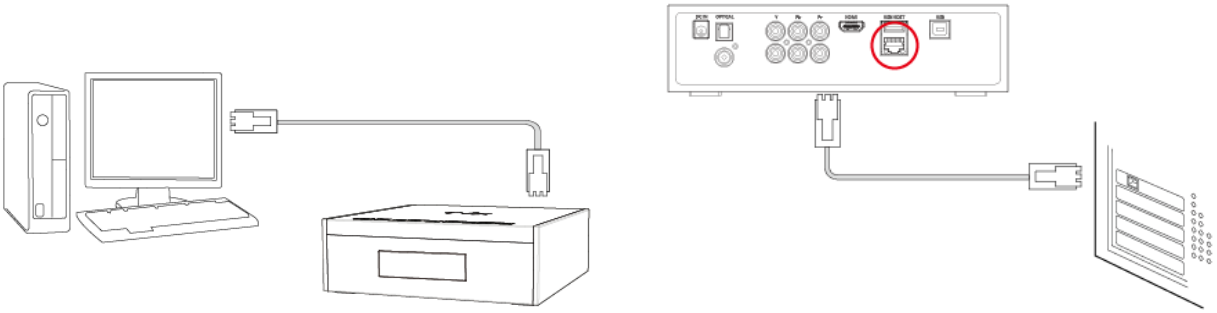
Cancel/Exit

- If you insert a wrong password, TVIX-HD automatically goes to the file-selecting page.
- Perform the SETUP-SYSTEM-Load default settings if Admin Password is lost
- The password should consist of numbers only.
- You cannot delete a folder protected by a password with the delete key. Remove the password first.

8 Using Network

8.1 Using UPnP

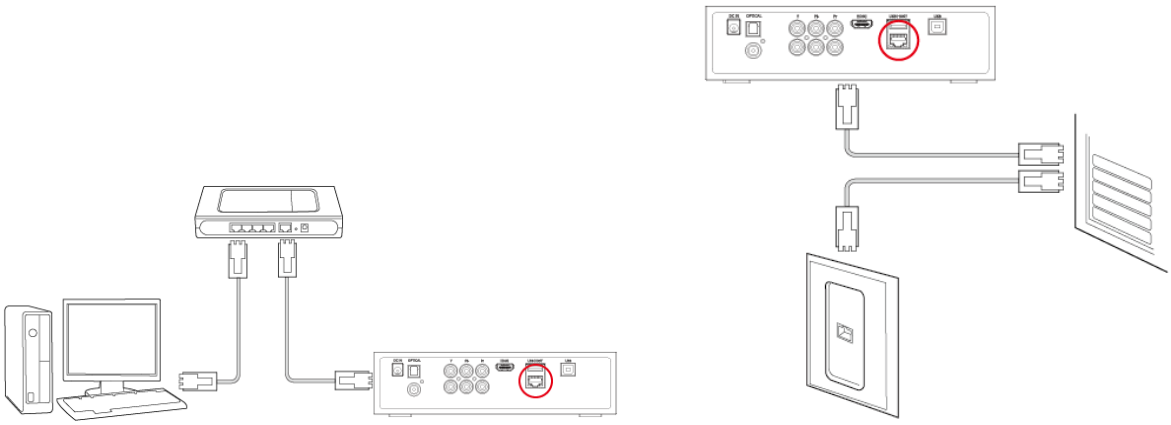
< When connecting the computer directly to the TVIX-HD >



Connect the LAN cable to the LAN port of both the TVIX-HD and the PC.

TIPS
In this case, you generally use a LAN cross cable type.
If the computer's LAN card was connected to an Internet line, you can install an additional LAN card to your PC and connect that LAN card to the TVIX-HD.

< When connecting with IP Router or Hub >



Connect the LAN cable to the LAN port for an IP Router or Hub.

TIPS
In this case, you generally have to use Direct LAN Cable type.

The UPnP allows you to connect to network easily with uPnP support, and it does not require an IP address. You can immediately playback uPnP connected files (even full HD files) on wired/wireless network environment.

With Samba Server technology support, it can be used as a network storage device using a window explorer for PC users, and it can also be used like a computer hard disk by specifying the shared folder between users in the same network as a network drive.

Netshare program allows you can play the TP or DVD jukebox without stutter easily.
We recommend sharing files using the NTFS file system. The FAT32 file system does not contain enough information to create a lasting file name, so TVIX-HD doesn't load the file after changing the file name.

8.1.1 How to set up UPnP server to your PC

Although there are various UPnP servers for PC users, We would like to recommend you all to use XBMC UPnP server which is relatively easy to use and supports external subtitles.

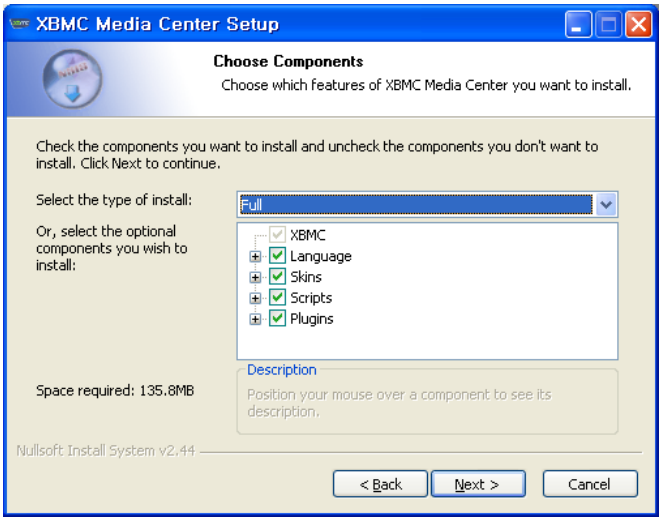
1 Download the latest XBMC Media Center for Window from XBMC homepage

at http://xbmc.org/download/

2 Run the XBMC Media center Wizard. When you click 'NEXT', it installs automatically. Then, additional setup is not necessary.

XBMC Media Center Setup
Welcome to the XBMC Media Center Setup Wizard
This wizard will guide you through the installation of XBMC Media Center.
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Next to continue.
Next >
Cancel

3 Choose the components you want to install. Press 'NEXT'.


XBMC Media Center Setup
Choose Components
Choose which features of XBMC Media Center you want to install.
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.
Select the type of install:
Full
Or, select the optional components you wish to install:
XBMC
Language
Skins
Scripts
Plugins
Description
Position your mouse over a component to see its description.
Space required: 135.8MB
Nullsoft Install System v2.44
< Back
Next >
Cancel

4 XBMC Media Center has been installed on your computer..

XBMC Media Center Setup
Completing the XBMC Media Center Setup Wizard
XBMC Media Center has been installed on your computer.
Click Finish to close this wizard.
Run XBMC Media Center
Please visit http://xbmc.org for more information.
< Back
Finish
Cancel

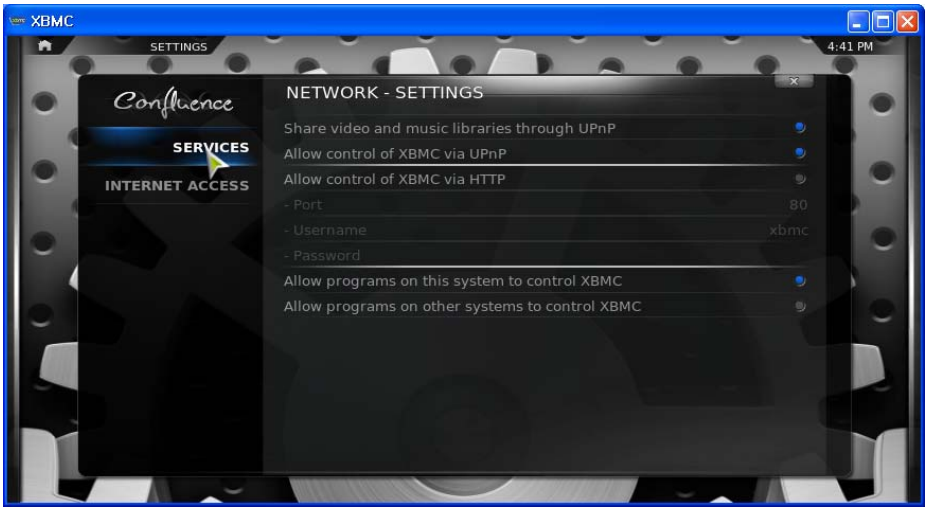
8.1.2 How to set up XBMC server

Once the installation is done, XBMC program will start automatically. If it does not, you are requested to run it by clicking XBMC icon( ).

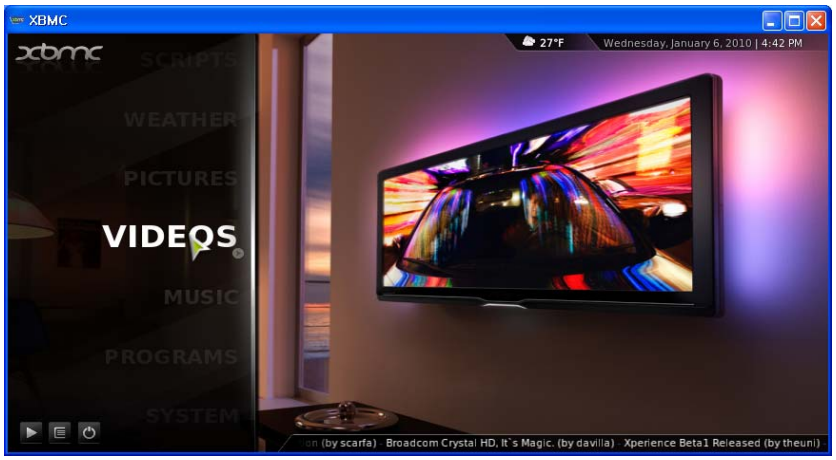
1 The page is the main. You may change working environment at the Settings as your taste.

Click SYSTEM - NETWORK.

2 Click ‘Share video and Music…’ and ‘Allow Control of XBMC via UPnP’ option.



3 Click ‘VIDEOS’ on the main screen.

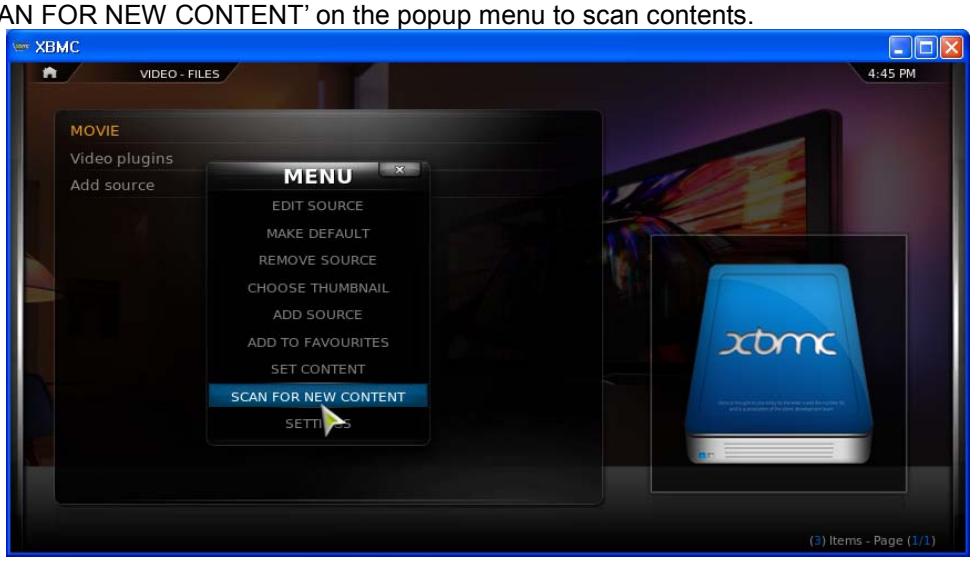


4 Click ‘Add Source’ and ‘BROWSE’. Choose a folder to share and click ‘OK’

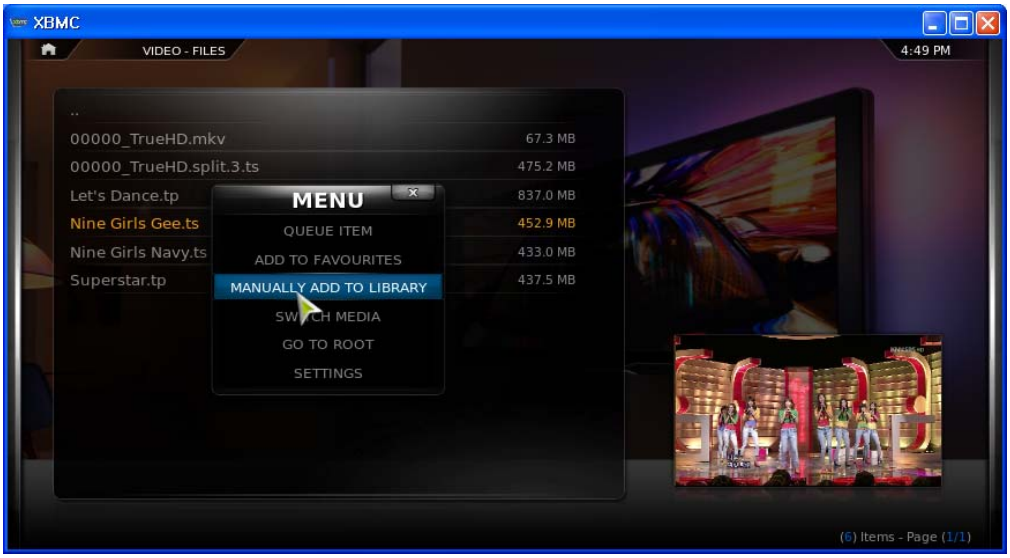
5 click ‘SET COTENTS’.

6 Choose you want to use as SCRAPER and click ‘OK’.

7 Click ‘SCAN FOR NEW CONTENT’ on the popup menu to scan contents.



8 Click “MANUAL ADD TO LIBRARY” to add a file manually, and write file name and Genres name..



9 In the same way, you can share the Music’.

◈ Caution while using XBMC

- Some file’s extensions may be shown strangely on TVIX-HD.
- Please change TP extension(recorded clip) to TS
- It may take time to read subtitle file(smi, srt, idx+sub) in the beginning of the file play
- If XBMC does not start automatically after re-start, please register XBMC on the START program on your PC.

8.1.3 How to set up network

The TViX can be connected to the local area network using a wired or wireless network connection for access to streaming video and online and offline media content.
You can watch movies without a hard disk with wireless network support. Play videos, music, photos saved in your PC hard disk without having to transfer them to your TVIX-HD.

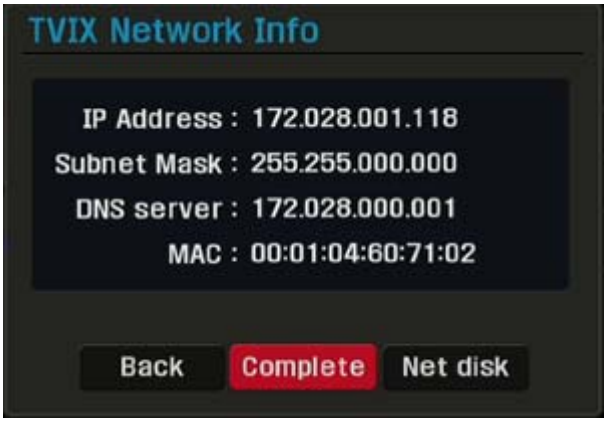
<< Ethernet Network (Wired) Setup >>

1. Plug an Ethernet cable into the Ethernet connector on the TViX.
2. Plug the opposite end of the Ethernet cable directly into a LAN port on a router or network switch.
3. Go to the SETUP-NETWORK setting.
4. Press the Network Settings.

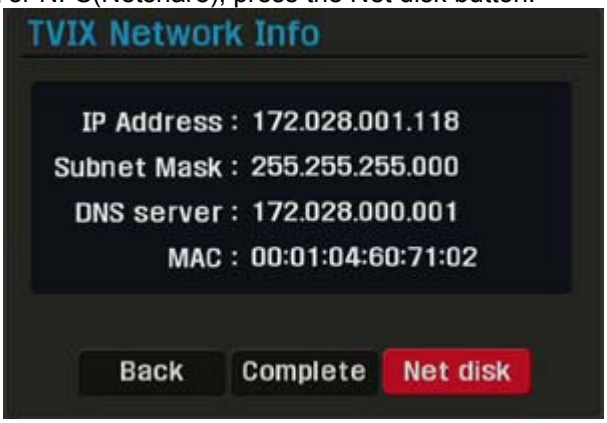
5. Select the Wired network device.

6. Select AUTO to have the device attempt to detect your network connection automatically and then press Connect button.
To manually set your network connection, go to step 11.

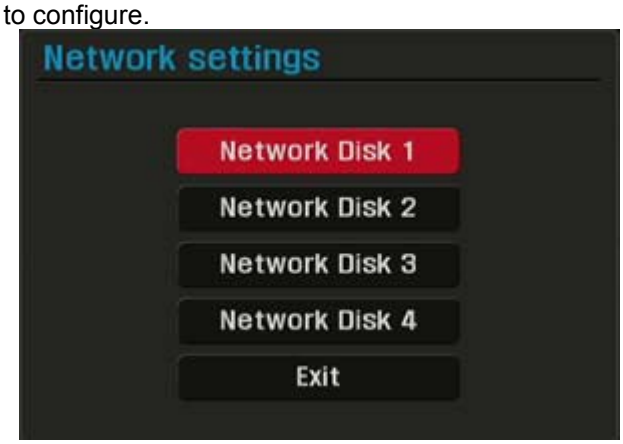
7. Once the network is detected, the following screen appears.



8. To configure Samba client or NFS(Netshare), press the Net disk button.



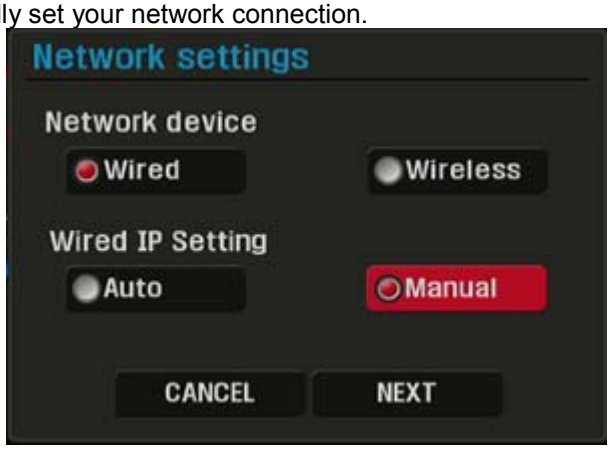
9. Select your network disk to configure.



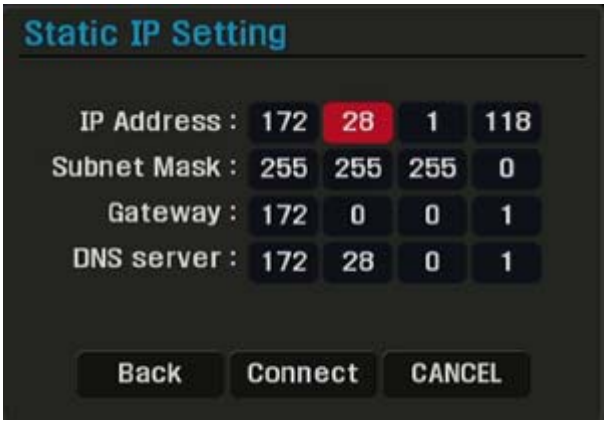
10. Select share list and then press OK button.

Once the network is configured, you can change see network device on the file list.

11. Select Manual to manually set your network connection.



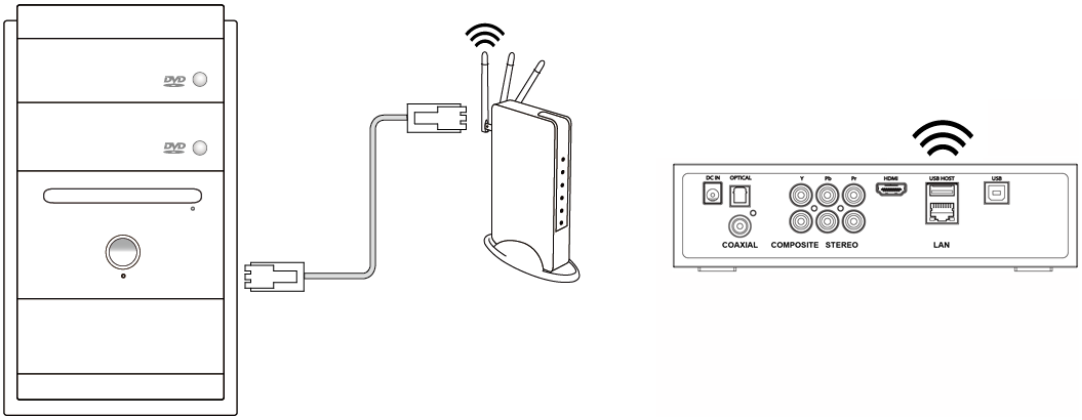
12. Write to key in your IP address , subnet mask, gateway, and DNS server using numerick key on the remote controller and then press Connect.



13. Once the network is detected, the following screen appears.

<< Wireless Network Setup >>

You can play most of the HD video files (up to 18mbps) with 802.11n wireless Wi-Fi dongle (available as an option).



1. Connect a USB wireless adapter (optional) to the USB port on your TViX. if your device has internal Wi-Fi, you don't need USB type separately.

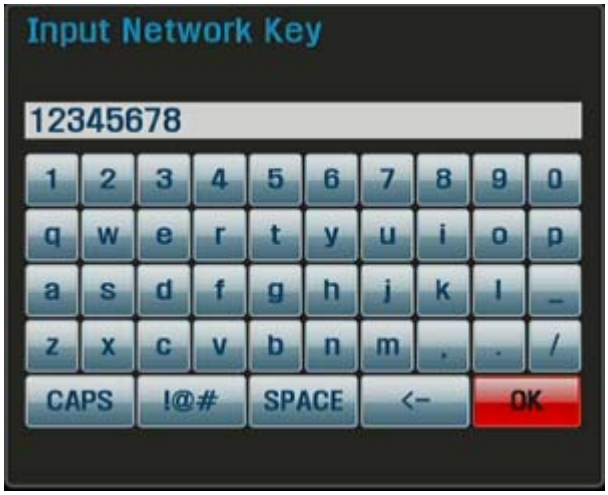
2. Go to the SETUP-NETWORK setting.

3. Press the Network Settings.

4. Select the Wireless network device, then press NEXT.

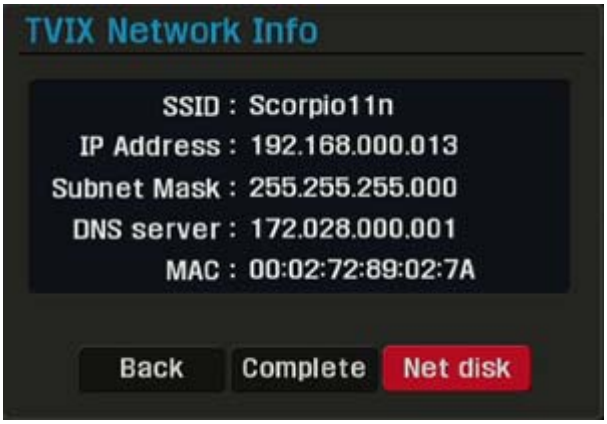
5. Select the access point you want to connect to, then press NEXT.
Choose unknown(MAC address) SSID at AP browser windows to input the SSID manually, then go to **step 8.**

6. Use the navigation buttons to key in the Network key(passcode) for the access point, then press OK button.
TViX will memorize previous NETWORK KEY up to 4 APs (access points). You don't have to re-input the NETWORK KEY during the setup procedure, if you done it once before.



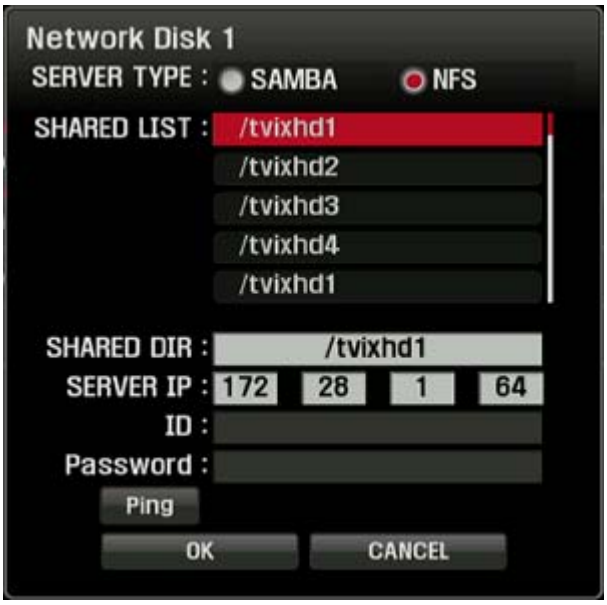
7. Once the network is detected, the following screen appears.

** To configure Samba client or NFS(Netshare), press the Net disk button.



** Select your network disk to configure for SAMBA or NFS.

** Select share list and then press OK button.
Once the network is configured, you can change see network device on the file list.



---

8. Choose unknown(MAC address) SSID at AP browser windows to input the SSID manually.

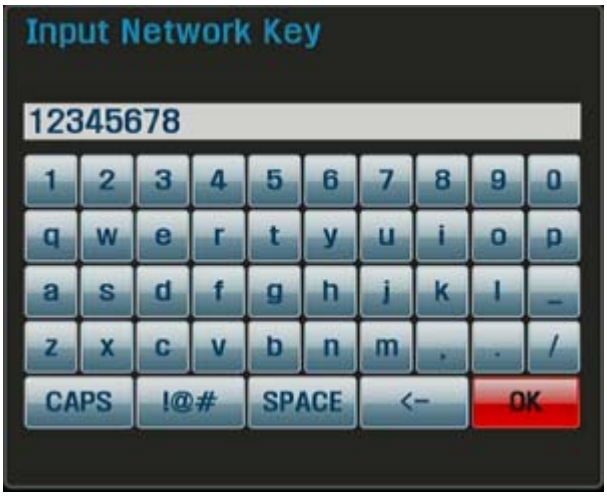
9. Press NEXT.

10. Use the navigation buttons to type in the SSID for the access point you want to connect, then press OK.

11. Press NEXT.

12. Use the navigation buttons to key in the Network key(passcode) for the access point, then press OK button.

TViX will memorize previous NETWORK KEY up to 4 APs (access points). You don't have to re-input the NETWORK KEY during the setup procedure, if you done it once before.



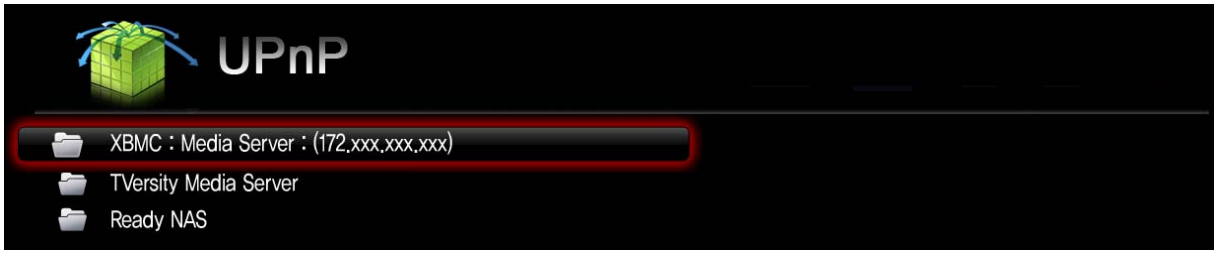
13. Once the network is detected, the following screen appears.

8.1.4 How to use UPnP

1 Select ‘MOVIE’ mode at the main page

2 Press ‘GOTO’ button and then ‘Right’ button of the remote, then it moves to (

) device. To see UPnP device, press ‘OK’ button on the remote.



3 If you select one of them, you can see the contents that you set up on XBMC server. If you select ‘Video Library’, you can see medial files that are in the PC or network device.

4 If you select a file that you want to play, it will be played like you do with the HDD.

** Some file’s extensions may be shown strangely or not shown by network servers.

8.2 Using NetShare

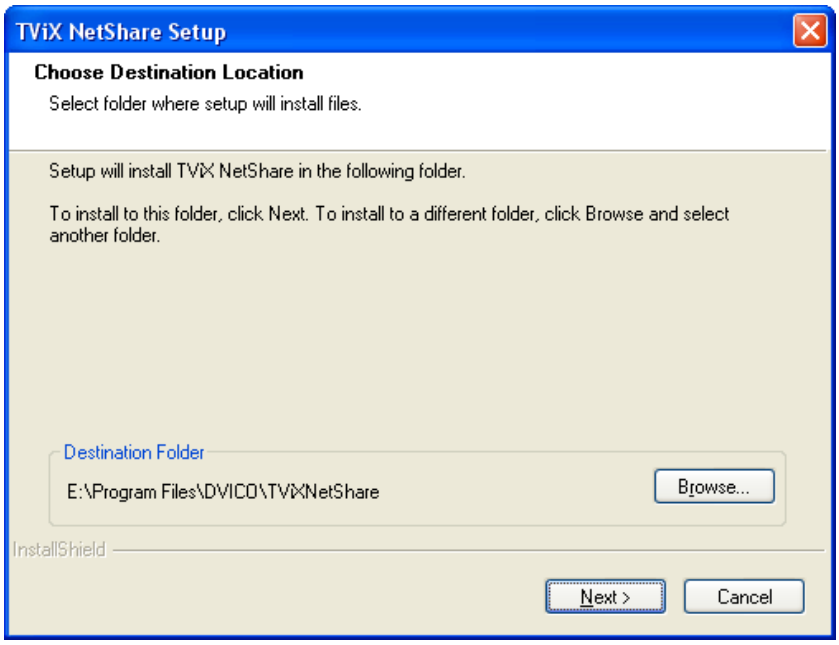
8.2.1 TVIX-HD NetShare Installation

Netshare program allows you can play the TP or DVD jukebox without stutter easily.
We recommend sharing files using the NTFS file system. The FAT32 file system does not contain enough information to create a lasting file name, so TVIX-HD doesn't load the file after changing the file name.

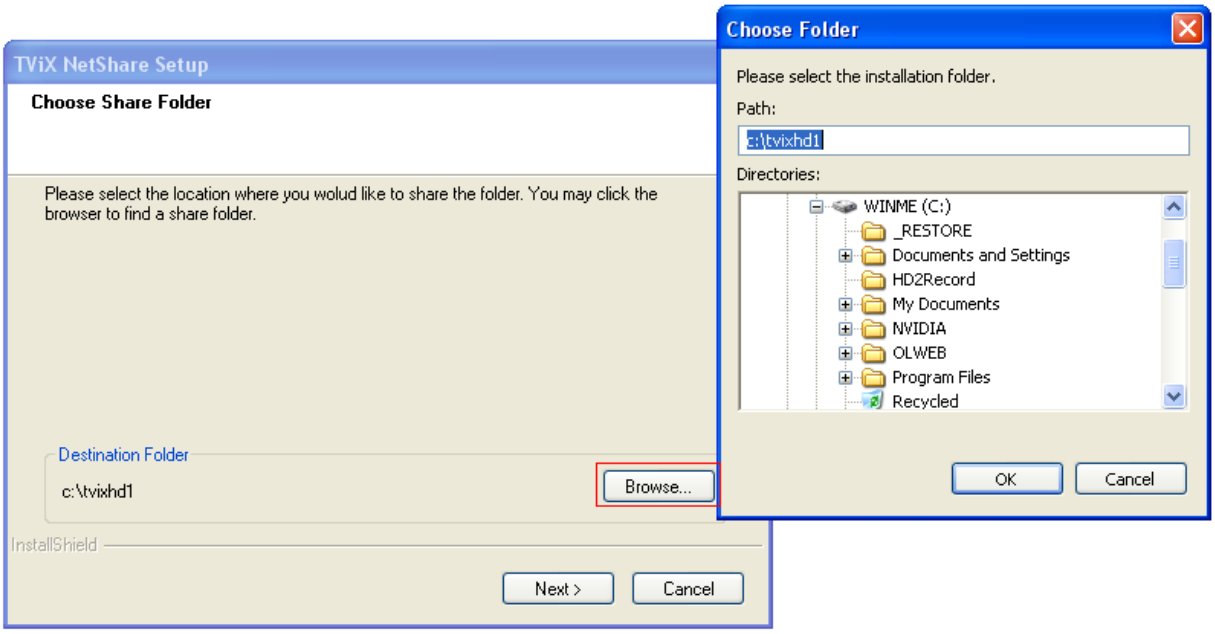
1. Most likely there will be an updated NetShare version on our web site.
You may download and install using the latest TVIX-HD Netshare installer or install TVIX-HD Netshare from the enclosed TVIX-HD CD.

2. Run TVIX-HD Netshare installer and follow the on-screen prompts to install software.

3. The “Choose Destination Location” window will appear. Click on “Next” if you want to install the Net Share in the default directory. Otherwise, you can choose a different directory by clicking on “Browse”.

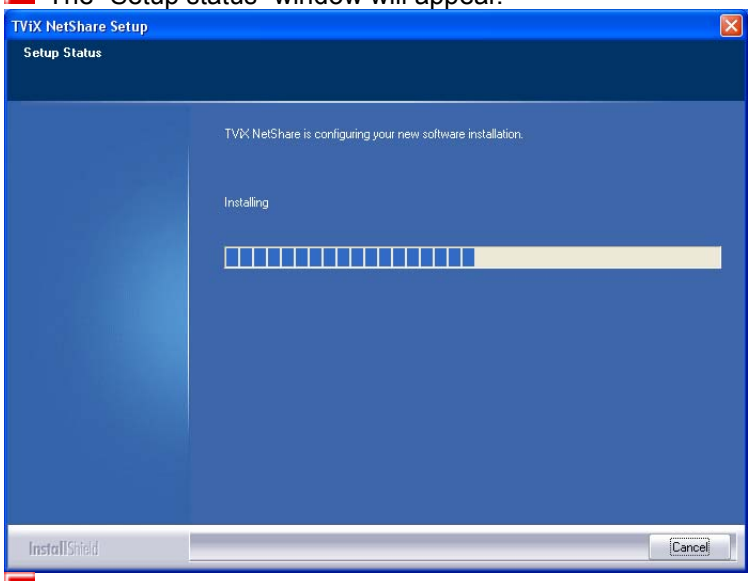

TViX NetShare Setup
Choose Destination Location
Select folder where setup will install files.
Setup will install TVIX NetShare in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
E:\Program Files\DVICO\TVIXNetShare
Browse...
InstallShield
Next >
Cancel

4. Please select the location where you would like to share the folder. You may click the browser to find a shared folder.

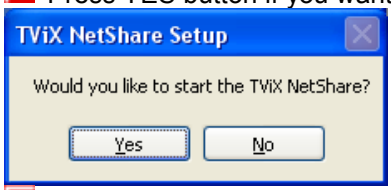


We recommend sharing files using the NTFS file system.

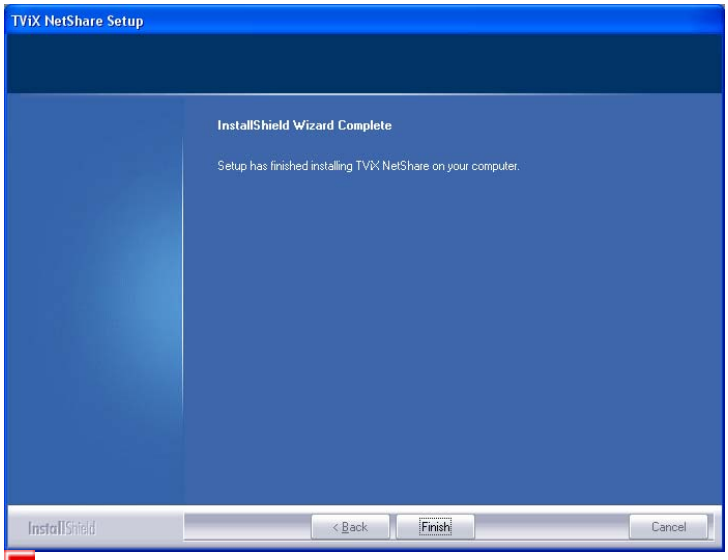
5 The “Setup status” window will appear.



6 Press YES button if you want to run the TVIX-HD Net Share automatically.



7 By clicking the Finish button, the software installation is done.

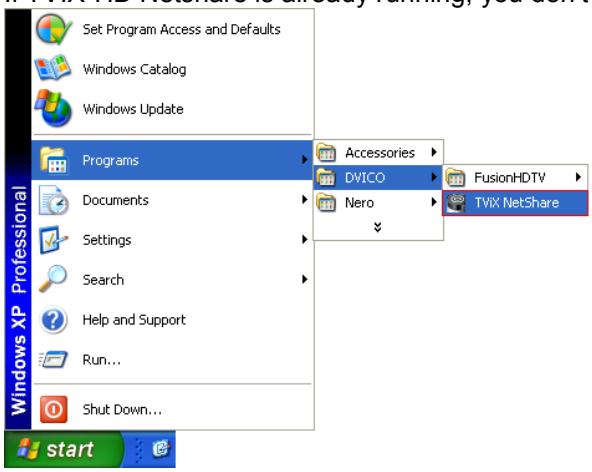


8 Press **"Unblock"** for the Windows Security Alert.

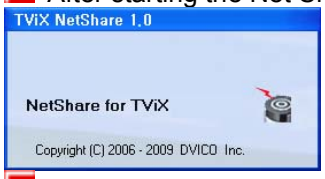
Windows Security Alert
To help protect your computer, Windows Firewall has blocked some features of this program.
Do you want to keep blocking this program?
Name: TViXNetShare
Publisher: DVICO
Keep Blocking
Unblock
Ask Me Later
Windows Firewall has blocked this program from accepting connections from the Internet or a network. If you recognize the program or trust the publisher, you can unblock it. When should I unblock a program?

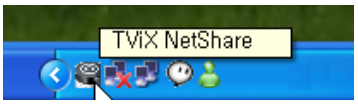
8.2.2 Using TVIX-HD NetShare

1 Click Start, point to Program->DVICO->TVIX-HD NetShare.
If TVIX-HD Netshare is already running, you don't need to run this program again.

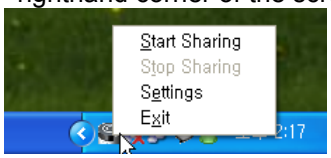


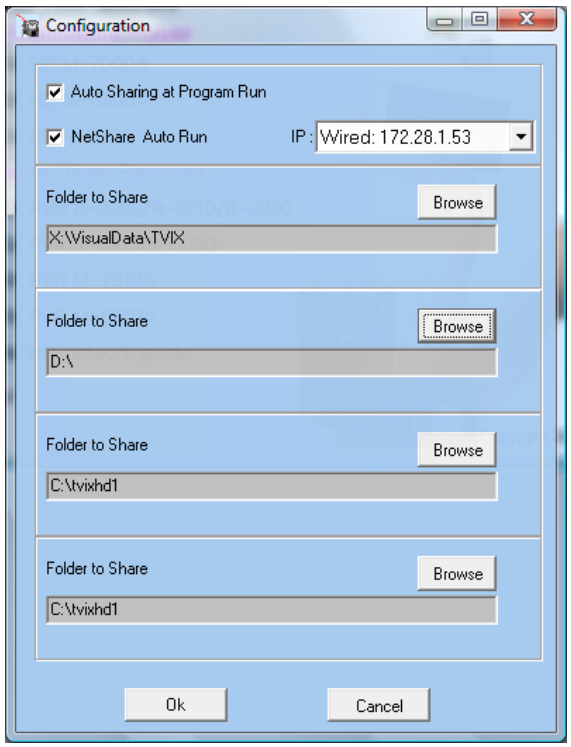
2 After starting the Net Share program, you can see the NetShare icon in the tray..





3 Start the setting by right clicking the NetShare tray icon at the lower-righthand corner of the screen.





- Start Sharing : Used to start the sharing
- Stop Sharing : Used to stop the sharing
- Settings : Used to set the share folder
- Exit

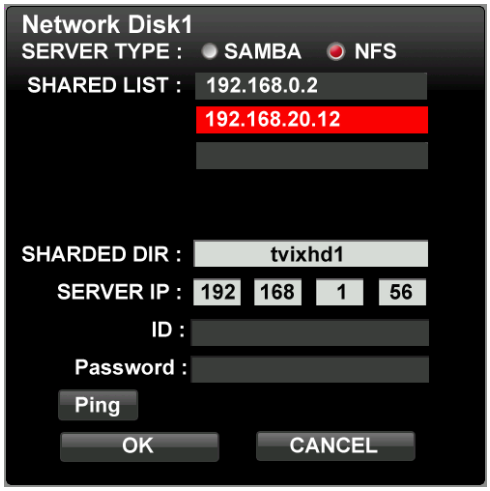
4 After running the NetShare software application on the system, right click on the NetShare icon and select Settings.

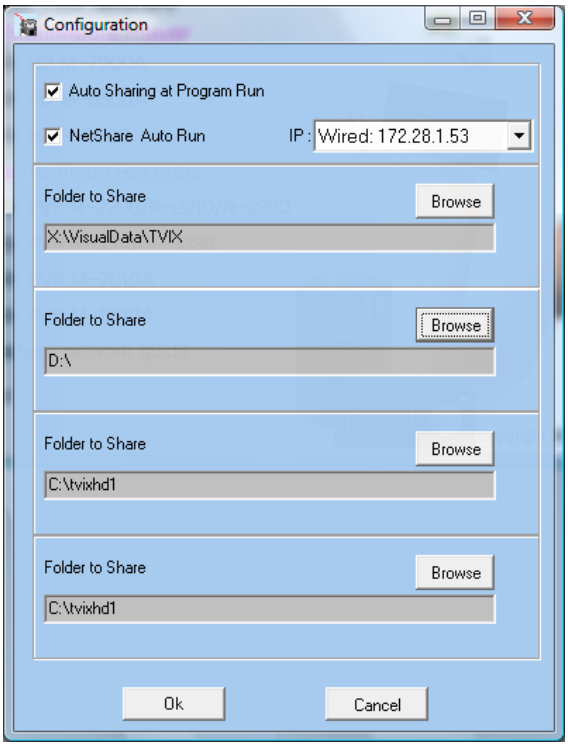
- NetShare AutoRun : used to autorun when Windows re-starts.
- Auto Sharing at Program Run : used to start sharing automatically at program startup.
- Folder to Share : used to Select the folder and Files from the drives shared by Clicking on the Browse icon.

In case of FAT32 file system, TVIX-HD doesn't load the file after changing the file name.

8.2.3 Sharing of Multi folders

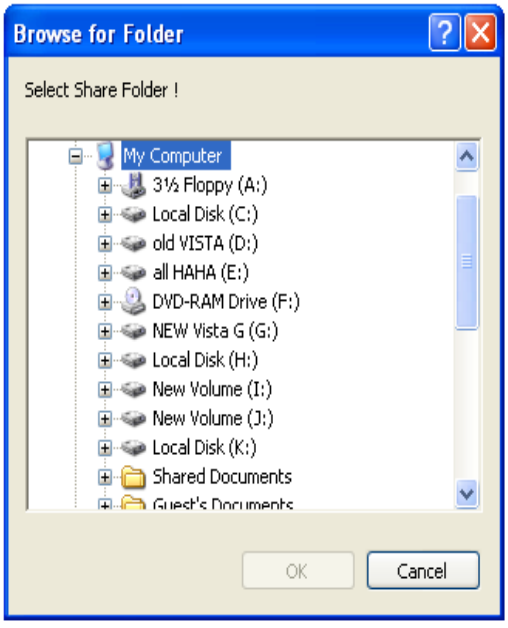
1 After running the Netshare software Application, right click on the Netshare ICON.





2 Click on Browse, Corresponding to Folder 1 to Share.
3 Select the Appropriate folder, Containing Media Files from desired Drive and Click OK.

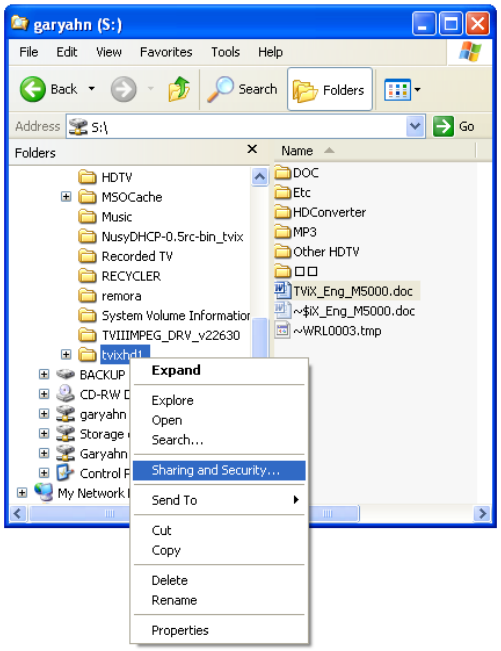
4 Again Click on Browse, Corresponding to Folder 2~ Folder4 to Share.
5 Select the Appropriate folder, Containing Media Files from the desired drive and Click OK.



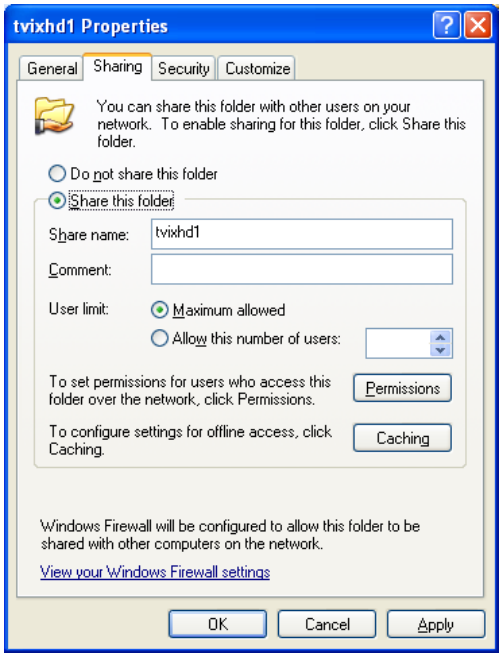
CAUTION
If you press the stop sharing when the network is connected, you can see “TVIX-HD Sharing closed.” On the setting feature.
You must again Press the “start sharing” on the tray window for network Sharing to start.

8.3 SAMBA Client and SAMBA Server

8.3.1 Set Network Configurations Under Windows XP (SAMBA mode)

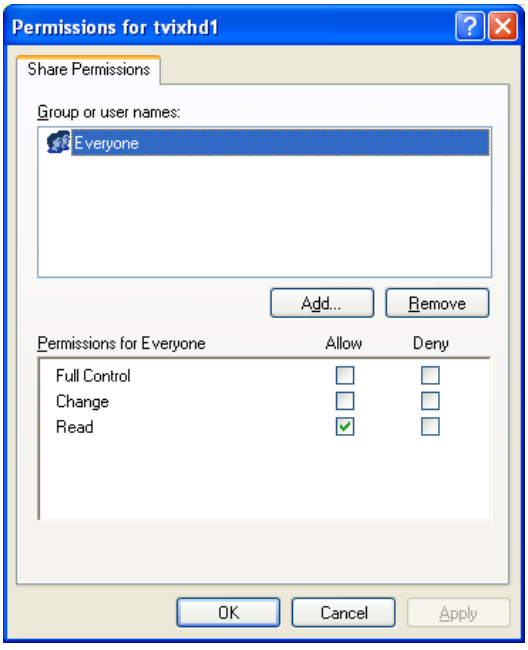


1 Select the folder you want to share. Right-click that folder and click 'Sharing and Security' in the popup menu.


tvixhd1 Properties
General Sharing Security Customize
You can share this folder with other users on your network. To enable sharing for this folder, click Share this folder.
Do not share this folder
Share this folder
Share name: tvixhd1
Comment:
User limit: Maximum allowed
Allow this number of users:
To set permissions for users who access this folder over the network, click Permissions.
Permissions
To configure settings for offline access, click Caching.
Caching
Windows Firewall will be configured to allow this folder to be shared with other computers on the network.
View your Windows Firewall settings
OK
Cancel
Apply

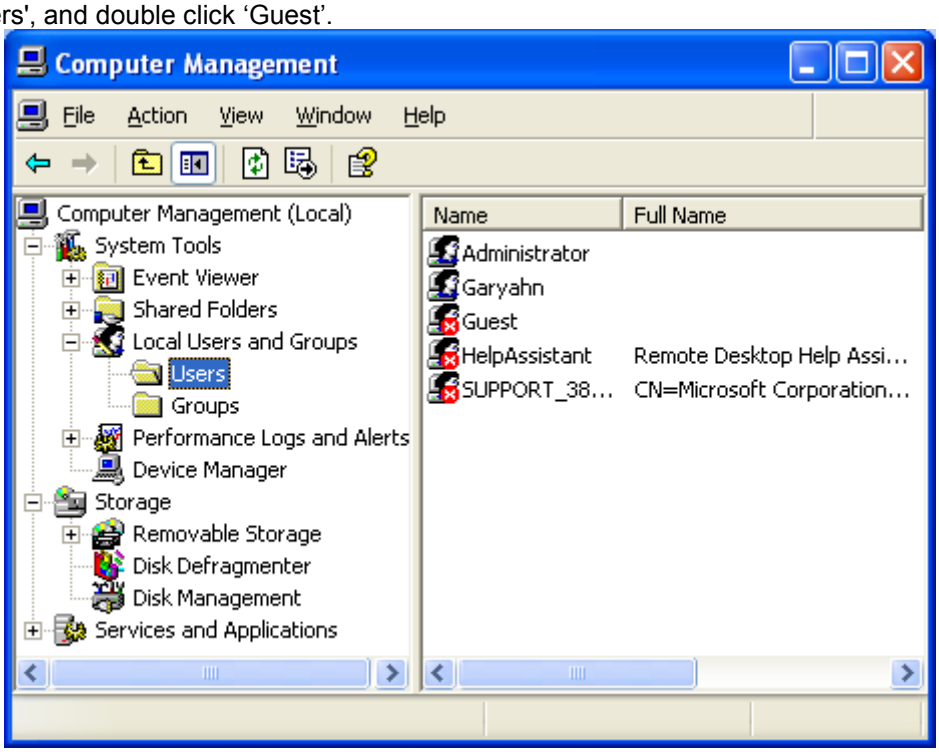
2 Check 'Share this folder' on the network and type in the share name 'TVIX-HDhd1 (this is the only available one at the moment)'.

3 Use 'Everyone' if 'Everyone' is displayed, otherwise you don't have to change anything. Also, add 'Everyone' to the security tab.



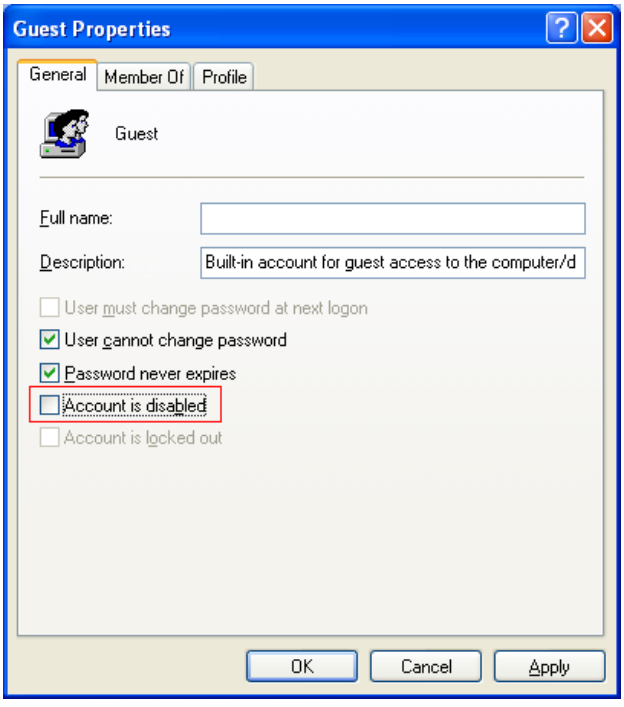
4 After that, the shared folder will be displayed like the following picture.

5 Move to 'Settings' > 'Control Panel' > 'Administrative Tools' > 'Computer Management' > 'Local Users and Groups' > 'Users', and double click ‘Guest’.

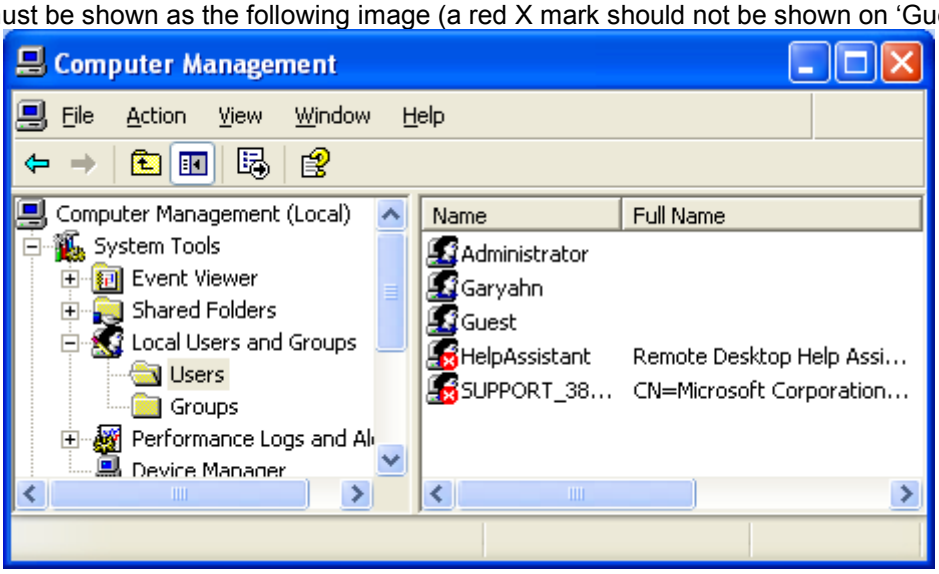


CAUTION
This is for Windows XP Professional. Windows XP Home users cannot see this window. If you cannot find ‘Administrative Tools’ in the Control Panel, click “Switch to classic view” in the upper-left corner of the screen.

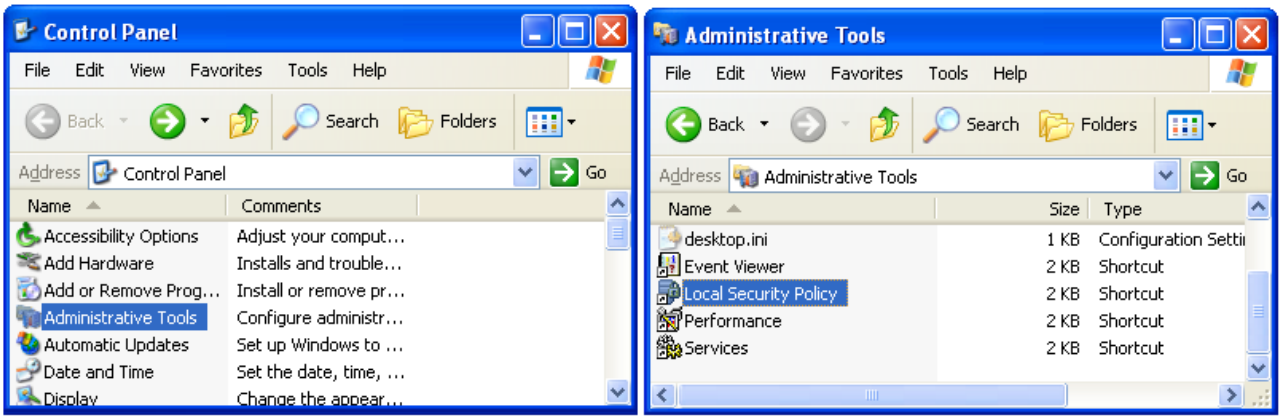
6 Uncheck ‘Account is disabled’



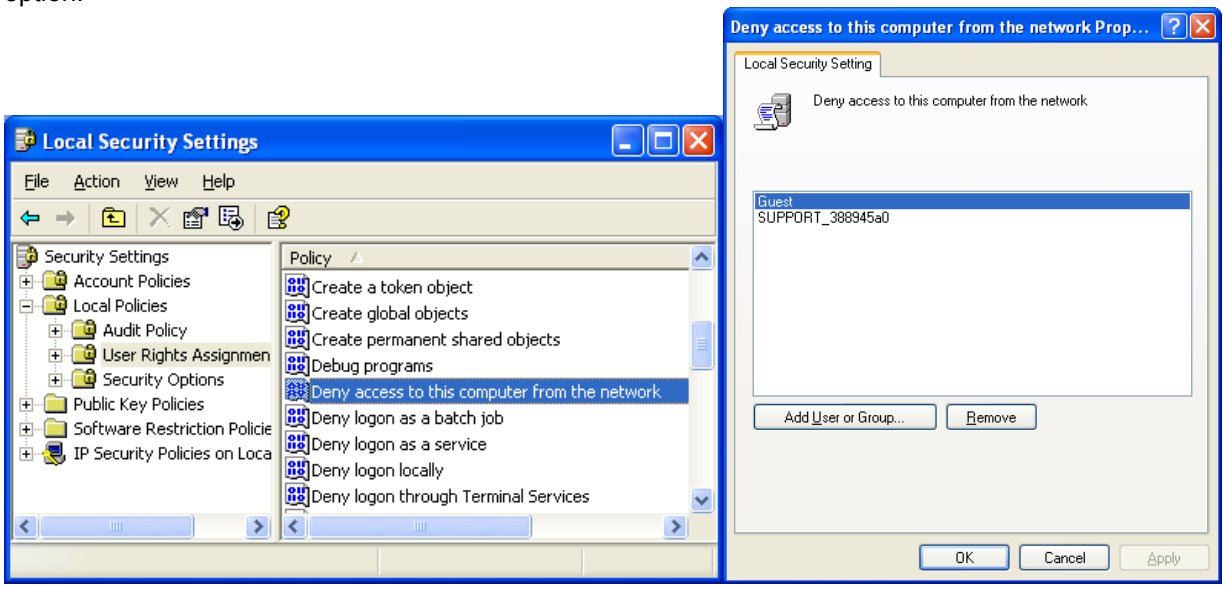
7 'GUEST' must be shown as the following image (a red X mark should not be shown on 'Guest').



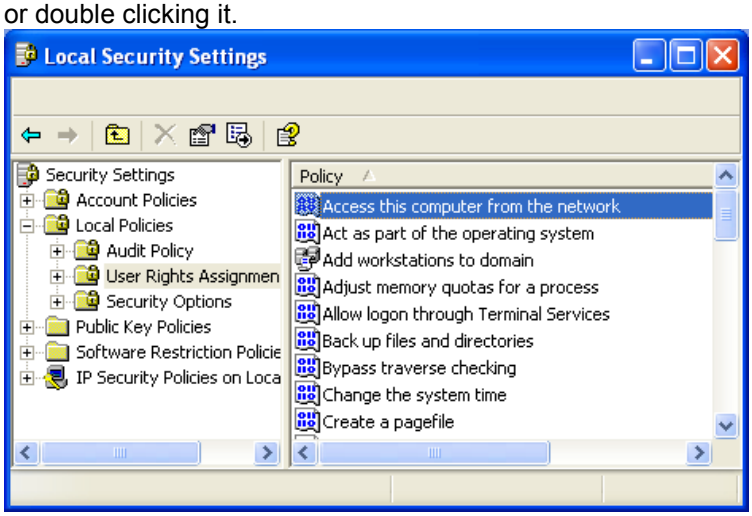
8 Move to 'Control Panel' > 'Network connections', and select 'Properties' s by right click on the mouse.

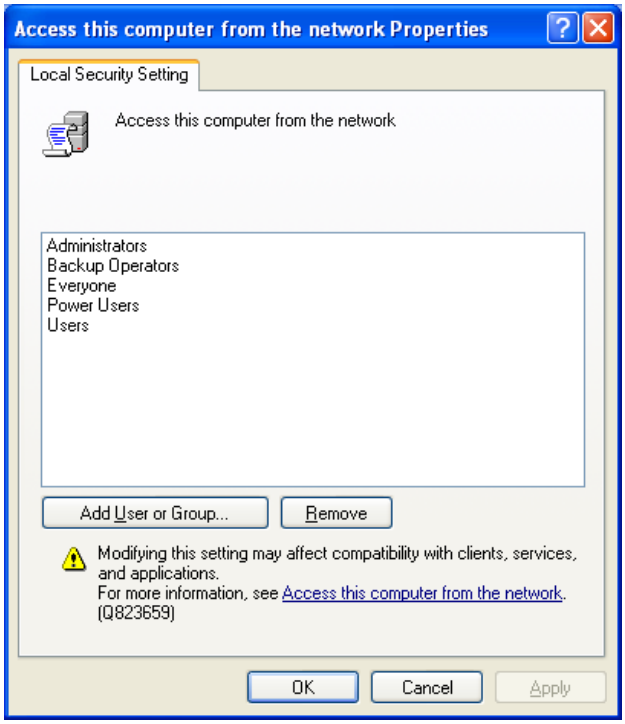


9 Remove "Guest" from the 'User Rights Assignment' > 'Deny access to this computer from the network' option.

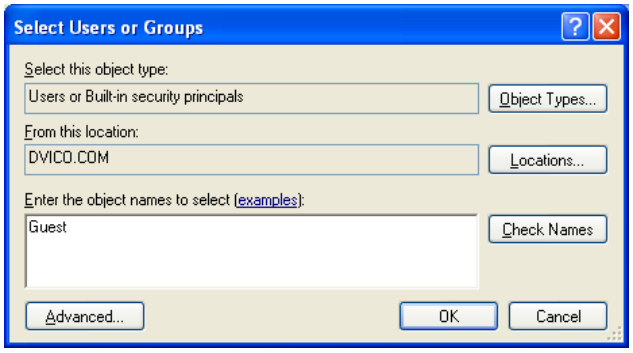


10) Move to 'Access this computer from the network', and then select 'Properties' by right clicking the mouse or double clicking it.





11) Click on 'Add User or Group'

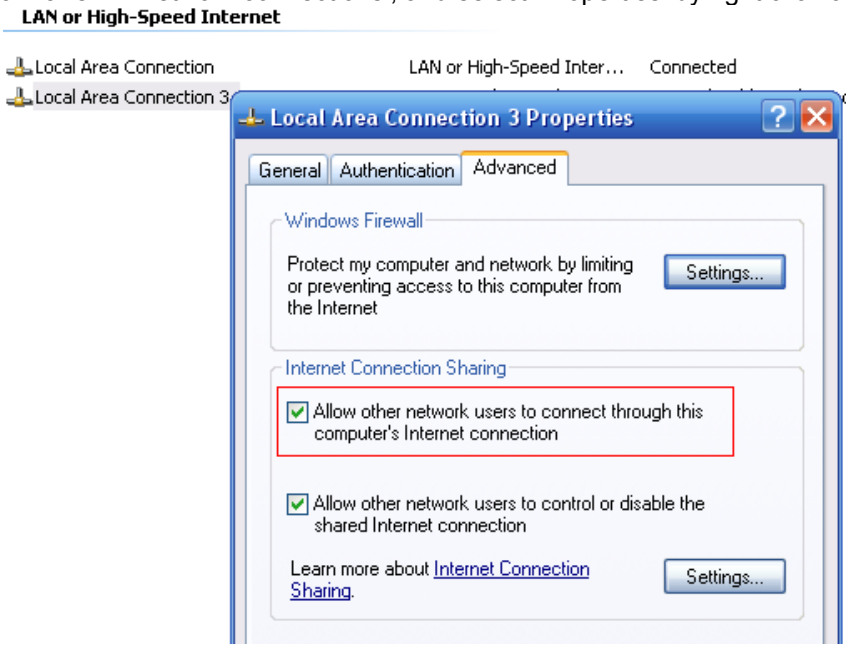


12) Type in "Guest" and then click on "OK" button.

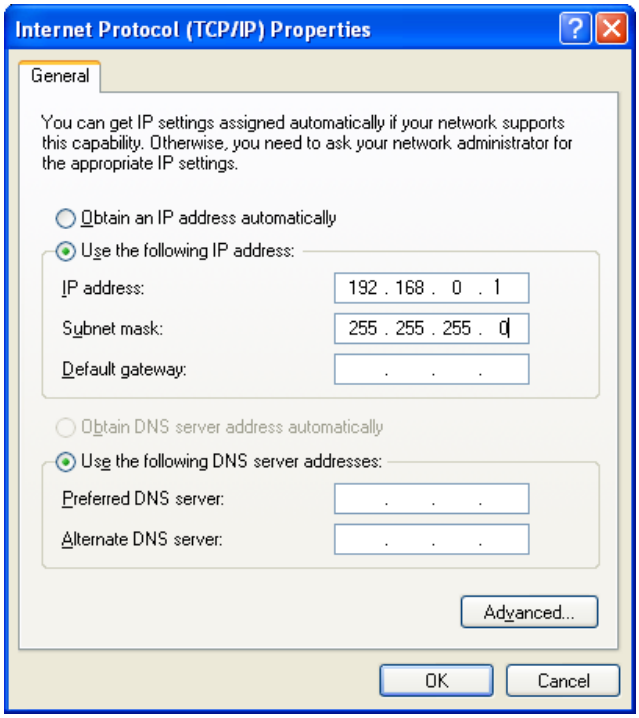
13) Press OK, and Guest will be registered.

< When connecting Computer to TVIX-HD directly >
In this case, you have to use Cross LAN cable type generally.
If the computer's LAN card was connected to Internet line, you can mount additional LAN card to your PC and connect that additional LAN card to TVIX-HD.

1 Move to 'Control Panel' > 'Network connections', and select 'Properties' by right click on the mouse.

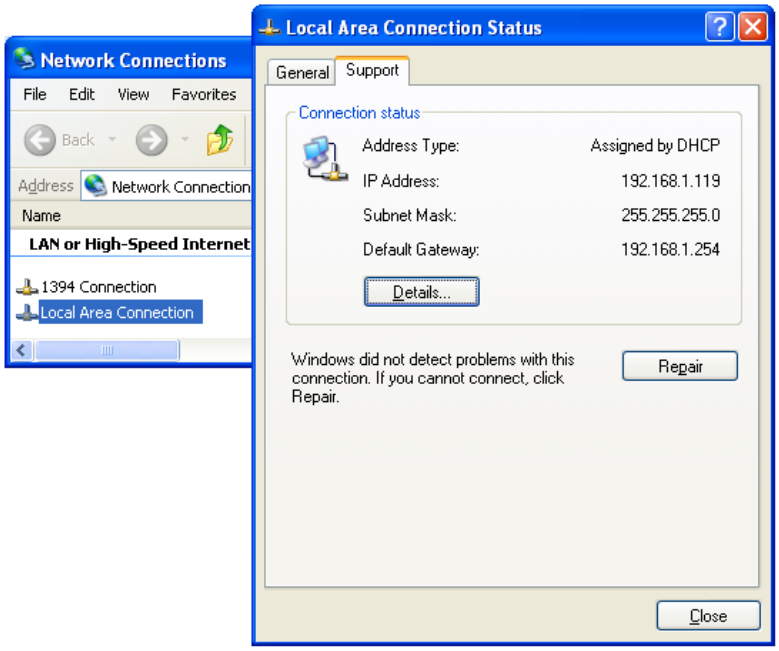

LAN or High-Speed Internet
Local Area Connection
LAN or High-Speed Inter...
Connected
Local Area Connection 3
Local Area Connection 3 Properties
General
Authentication
Advanced
Windows Firewall
Protect my computer and network by limiting or preventing access to this computer from the Internet
Settings...
Internet Connection Sharing
Allow other network users to connect through this computer's Internet connection
Allow other network users to control or disable the shared Internet connection
Learn more about Internet Connection Sharing.
Settings...

2 When Windows 2000 or XP, Check "Allow other network users to connect through this computer's internet connection"
3 Double click 'TCP/IP->LAN card' that you want to use on your computer. You must select the additional LAN card.
Check 'Specify an IP address', and write 'IP address' & 'Subnet mask' that you want to use.
Ex) IP address : 192.168.0.1 Subnet mask : 255.255.255.0


Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address: 192 . 168 . 0 . 1
Subnet mask: 255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

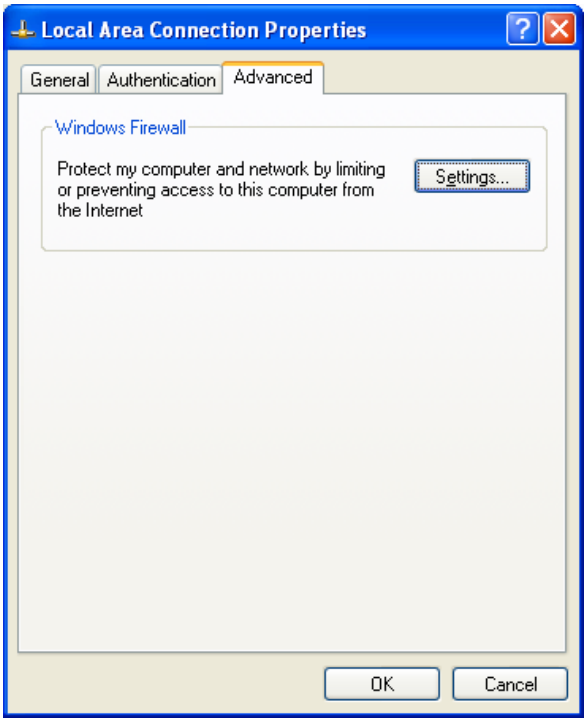
< When connecting with IP Router or Hub >

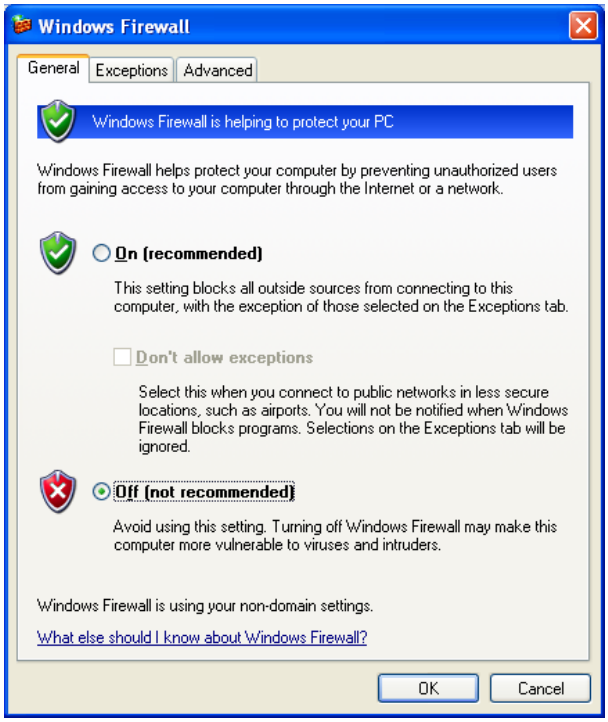
If you have already been assigned dynamic IP address from a DHCP Server or IP Router in your local area network, then no need to write a static IP address. Then obtain the automatically assigned IP address or write an IP address & Subnet mask that the DHCP Server or the IP Router provides.
Select 'Control Panel' > 'Network Connections', and select 'Status' properties by right clicking the mouse.
After clicking the Support tab, you should see an IP Address. (ex: 192.168.1.127)



< Disable Windows Firewall >

1. Move to 'Control Panel' > 'Network Connections', and select 'Properties' by right clicking on the mouse. Click on the 'Advanced' tab. Disable 'Internet Connection Firewall'.
2. If you use service pack 2, click on 'Settings' at 'Windows Firewall'.
3. Check 'Off' and then click 'OK'

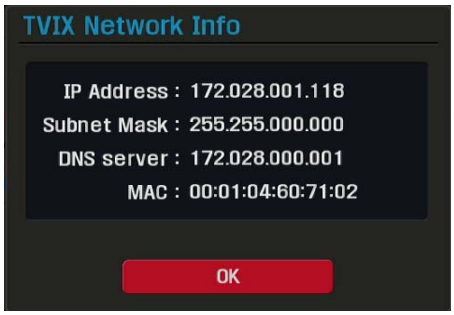

Local Area Connection Properties
General Authentication Advanced
Windows Firewall
Protect my computer and network by limiting or preventing access to this computer from the Internet
Settings...
OK
Cancel

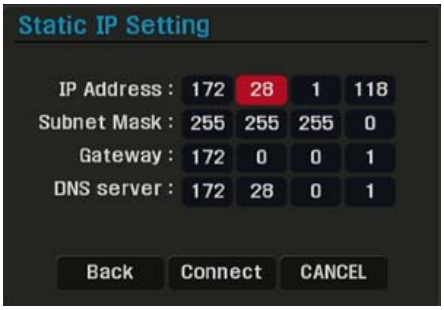

Windows Firewall
General Exceptions Advanced
Windows Firewall is helping to protect your PC
Windows Firewall helps protect your computer by preventing unauthorized users from gaining access to your computer through the Internet or a network.
On (recommended)
This setting blocks all outside sources from connecting to this computer, with the exception of those selected on the Exceptions tab.
Don't allow exceptions
Select this when you connect to public networks in less secure locations, such as airports. You will not be notified when Windows Firewall blocks programs. Selections on the Exceptions tab will be ignored.
Off (not recommended)
Avoid using this setting. Turning off Windows Firewall may make this computer more vulnerable to viruses and intruders.
Windows Firewall is using your non-domain settings.
What else should I know about Windows Firewall?
OK
Cancel

8.3.2 Setting Static IP Network Configurations in TVIX-HD

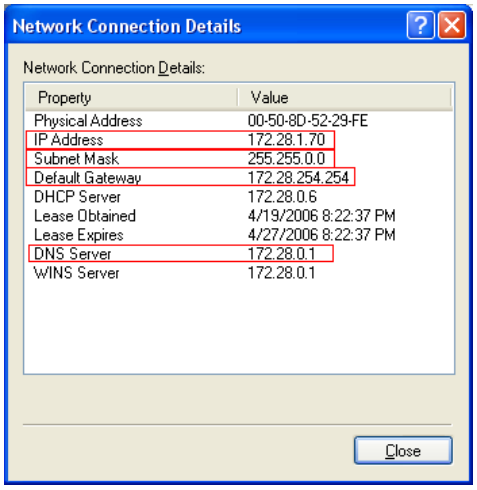
1 Press [SETUP] button on the remote. setup screen will be displayed. On that Set UP screen, select Network setting→Network disk and type the IP address in the Server IP. (ex: 172.28.1.70)
The default is DHCP and if you want to set Static IP, you can select and change Static IP on the IP setting.
If you have used the DHCP you don't need to assign the IP address because it will be assigned automatically.

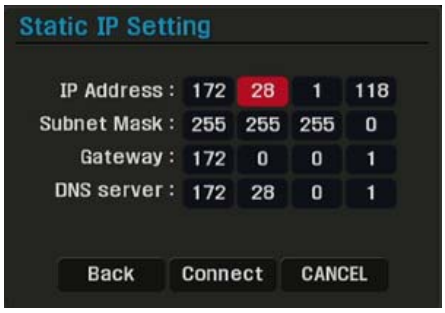
2 If you cannot access via LAN with DHCP setting, we recommend to use the Static IP setting.





3 Select 'Control Panel > 'Network Connections', and select 'Status' properties by right clicking the mouse. After clicking the Support tab, press details, and you can see the Network connection details.
Copy the Subnet Mask, default gateway, and DNS server addresses from the PC listing.
You must write a different IP address (ex: 172.28.1.**70** → 172.28.1.**168**) wherethe first three numbers in the TVIX-HD's IP address are the same as the PC's and the fourth number is different.





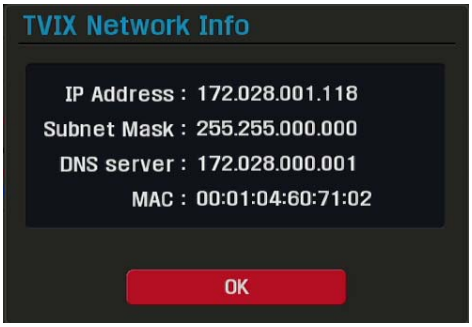
4 When the setting is successfully finished, you will be able to see the 4 PC Tray Icons. Network Disk is supported up to 4 PC Tray system. You can see the partition on the network icon like below image.

5 You may check for detailed usage at the TVIX-HD website.

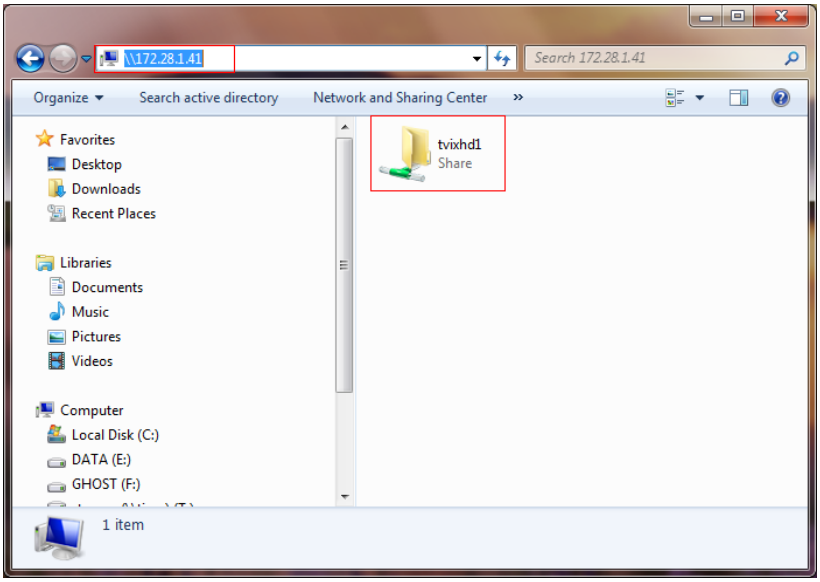
8.3.3 Using SAMBA Server

Using SAMBA Server, You can copy/move/delete files from PC to TVIX-HD via LAN. SAMBA is supports internal hard disk only.

1. Press the Network Info on the SETUP-NETWORK. And note down the TVIX-HD IP

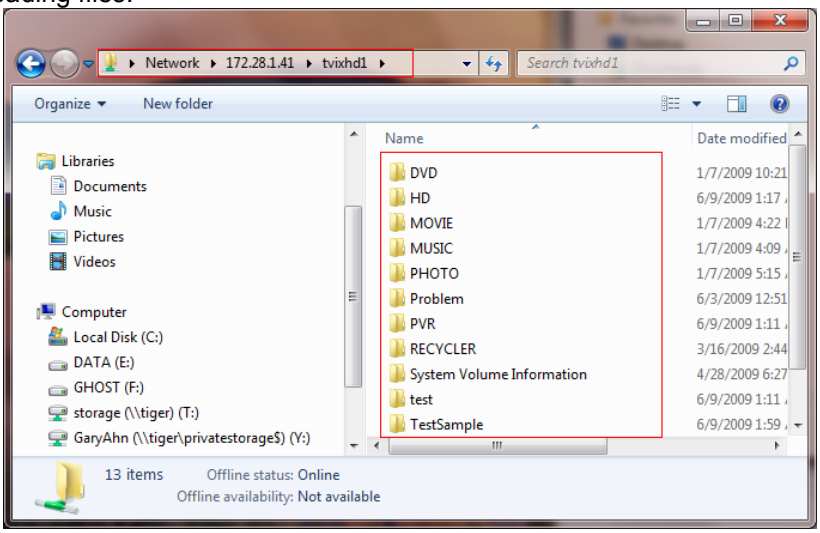


2. Click on Internet explorer, and then type the TVIX-HD IP as shown \\172.28.1.70.
Tvixhd1 network driver will be shown.



3. Hard disk content are displayed on the PC. You can copy/ move/ delete files in this directory.

After making the Network drive with this TVIX-HD drive, you can play the movie from TVIX-HD while downloading or uploading files.



9 Firmware Upgrade

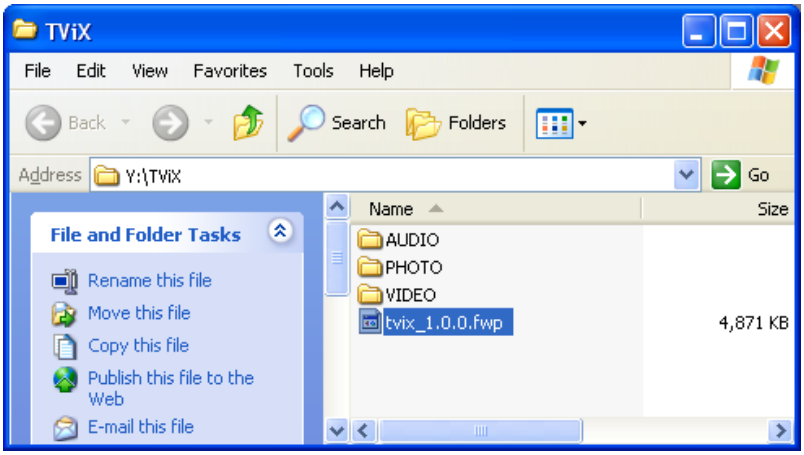
Firmware Version Check.

1. Connect the TVIX-HD to your TV and then turn on the TVIX-HD.
2. Press the SETUP button on the top panel and the setup screen will be displayed.
3. Check the latest firmware version of TVIX-HD Homepage

*** You'll be notified of any firmware updates or news if you fill out the customer registration form at TVIX-HD homepage.

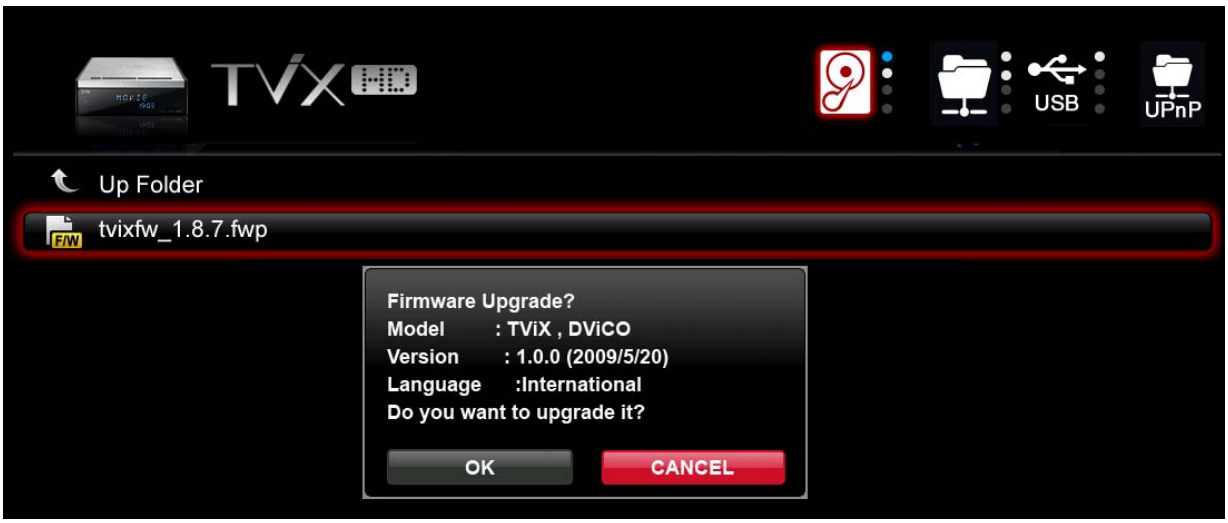
Downloading the Firmware.

1. Download the latest firmware from TVIX-HD Homepage to your PC.
2. Connect the TVIX-HD to your PC with a USB and then turn it on.
3. Your system will recognize the TVIX-HD as an external hard drive.
4. Copy the latest firmware files into the root of the TVIX-HD hard drive or USB memory device.
5. Turn off the TVIX-HD and bring it to your TV for firmware upgrading.

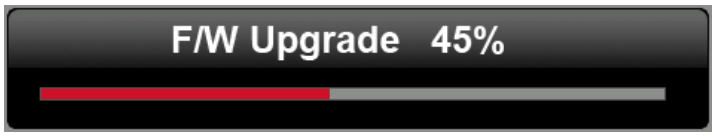


How to Upgrade the Firmware

1. Connect the TVIX-HD to your TV
2. Select the copied firmware file (ex: TVIX-HD1.0.0.fwp) and press OK on the remote to start upgrading.
3. The following screen will be displayed. Follow the instructions on the screen.



4 New firmware upgrade is in process (takes about 3 minute). When the upgrade is successfully finished, the TVIX-HD will reboot automatically.



< CAUTIONS: Safe Mode Upgrading >

Even if the TVIX-HD accidentally turns off during the firmware upgrade, the safe mode will enable the TVIX-HD to be re-upgraded.

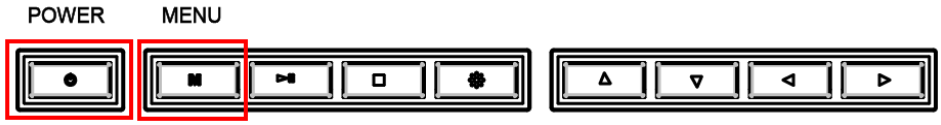
Please follow the steps below:

1 Connect the TVIX-HD to your PC with a USB and then turn it on.

2 Copy the latest firmware files into the root of the TVIX-HD hard drive or USB memory device

3 The Safe upgrade will check the firmware file of internal HDD in advance and then external USB host.

4 Press and hold the MENU button on the top panel and turn on the TVIX-HD by using power button.



5 The VFD will show the seeking FW, such as SEEK FW.

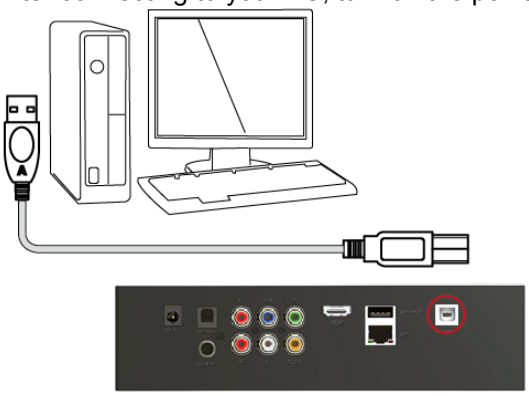
6 Press OK on the control panel to start upgrading.

7 The VFD will show UPG when the new firmware upgrade is in process.

8 The TVIX-HD will automatically reboot after the upgrade has been successfully finished.

10 Using USB Connection with a PC

TVIX-HD uses a SATA HDD as its contents storage device and works just like an external USB 2.0 hard drive when you connect it to your PC.
The USB cable has a different shape on both ends. We use USB 2.0 "A" Plug (male) type to "B" Plug(male) type.
After connecting to your PC, turn on the power of the TVIX-HD.

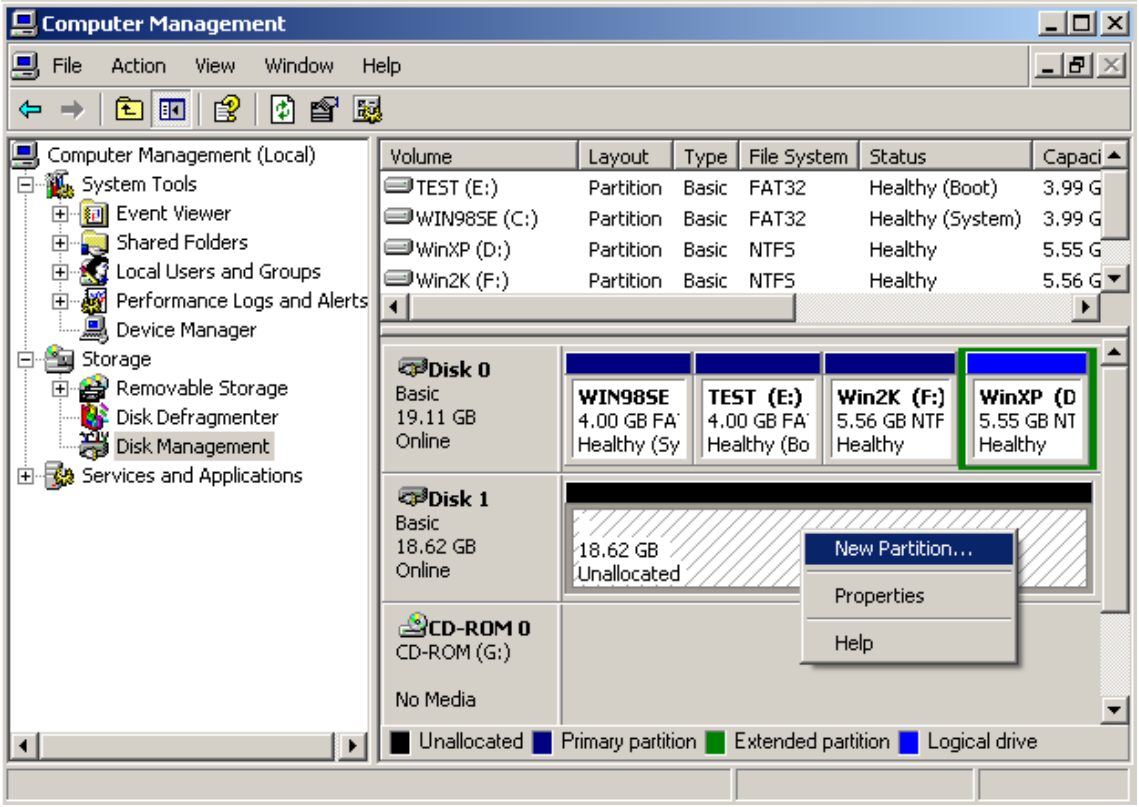


If you are a using Windows98SE user, you should download a USB storage driver from our web site before you connect your TVIX-HD with your system. You do not need to install the driver under Windows ME/2000/XP

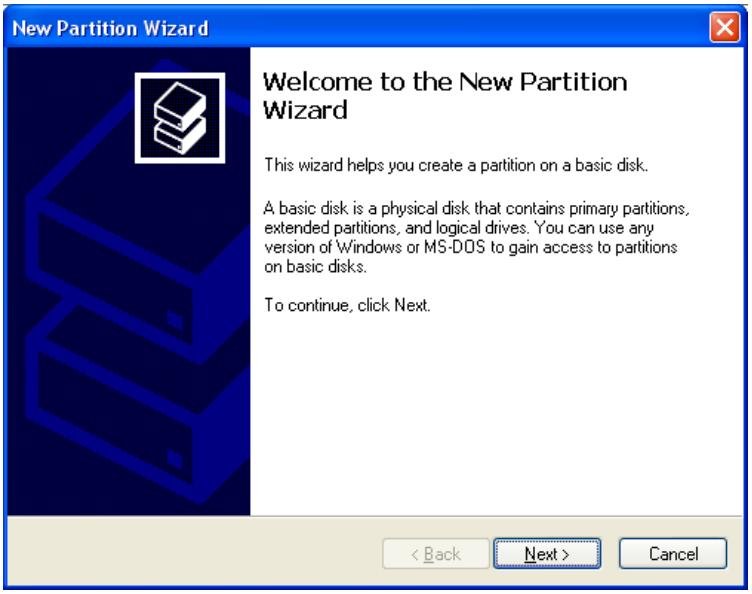
10.1 Making a Partition and Formatting the HDDs

1 Under Windows 2000 or above OS, you can make a partition and format the HDD using the Disk Manager utility.
2 Right click “My Computer” → Choose “manage” from the pop up menu and the “Computer Management” window will appear → choose “Disk Management” folder.

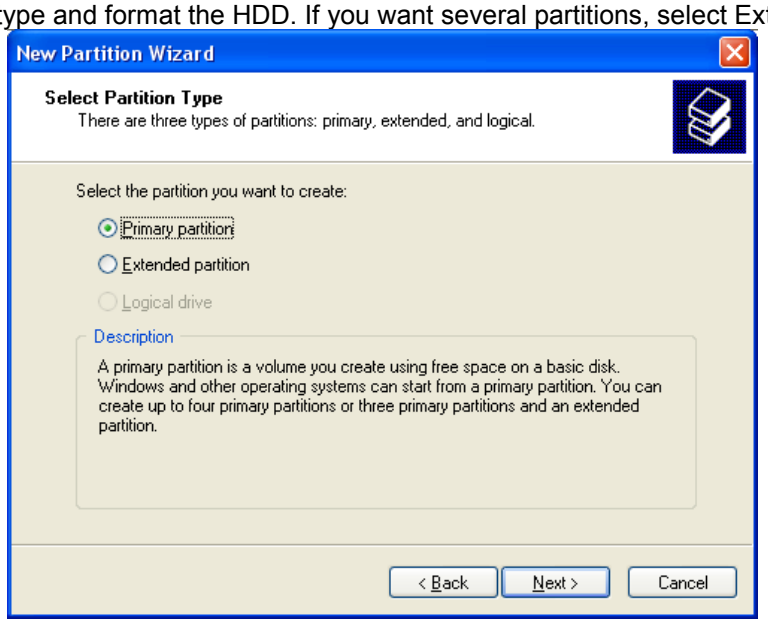
3 The disk list will appear on the right side of the “Computer Management” windows. Right click the TVIX-HDD from the list, and from the pop up menu choose “make partition” to create partitions on the chosen disk.



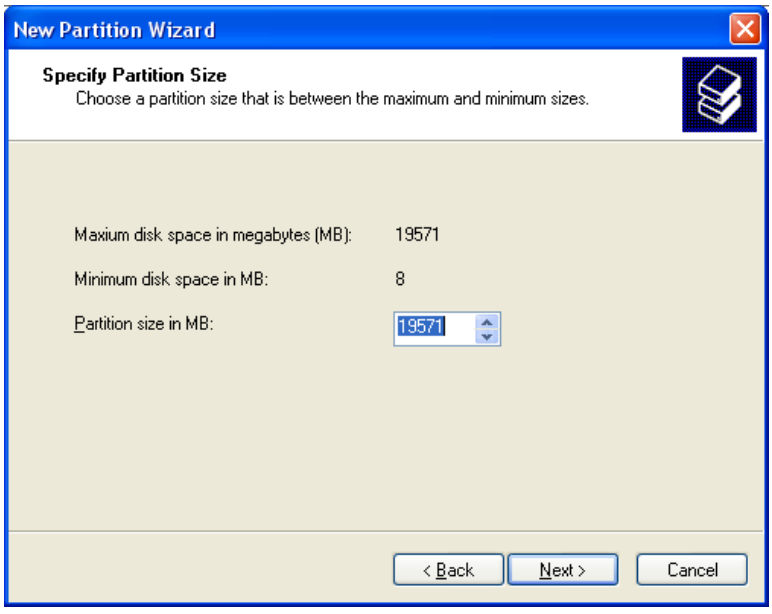
4 When the New Partition Wizard appears, press “Next>”.


New Partition Wizard
Welcome to the New Partition Wizard
This wizard helps you create a partition on a basic disk.
A basic disk is a physical disk that contains primary partitions, extended partitions, and logical drives. You can use any version of Windows or MS-DOS to gain access to partitions on basic disks.
To continue, click Next.
< Back
Next >
Cancel

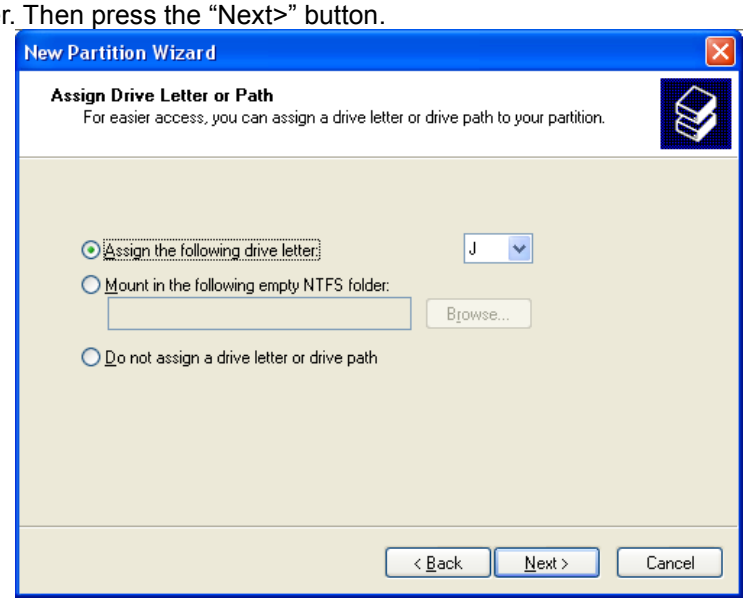
5 Choose the partition type and format the HDD. If you want several partitions, select Extended Partition.


New Partition Wizard
Select Partition Type
There are three types of partitions: primary, extended, and logical.
Select the partition you want to create:
Primary partition
Extended partition
Logical drive
Description
A primary partition is a volume you create using free space on a basic disk. Windows and other operating systems can start from a primary partition. You can create up to four primary partitions or three primary partitions and an extended partition.
< Back
Next >
Cancel

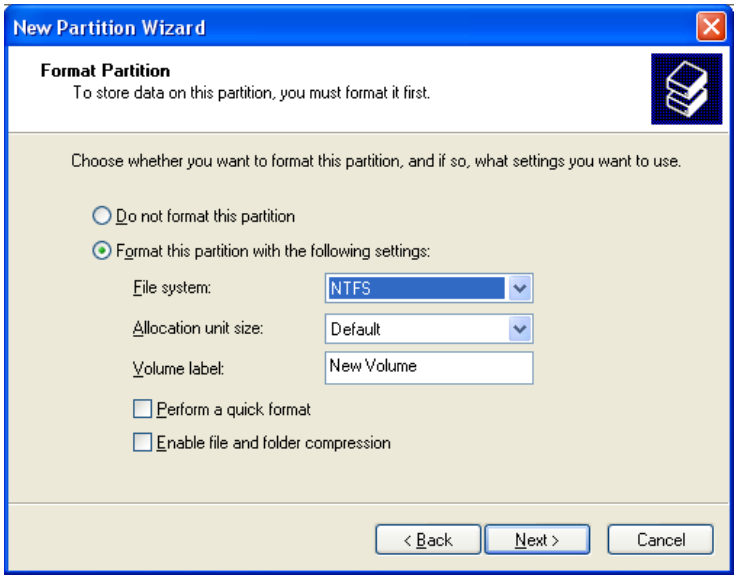
6 Select the partition size. If you want one partition, press “Next>”. For FAT32, size is limited to 32000MB or under.


New Partition Wizard
Specify Partition Size
Choose a partition size that is between the maximum and minimum sizes.
Maxium disk space in megabytes (MB): 19571
Minimum disk space in MB: 8
Partition size in MB: 19571
< Back
Next >
Cancel

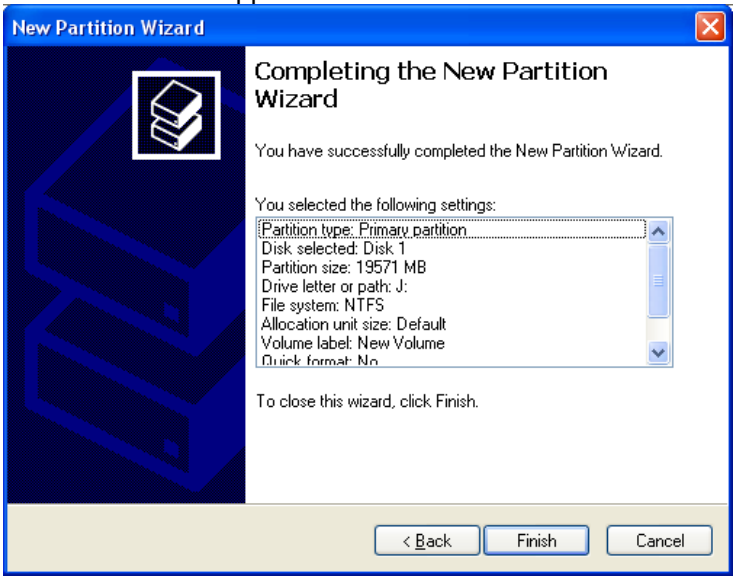
7 Select the Drive Letter. Then press the “Next>” button.


New Partition Wizard
Assign Drive Letter or Path
For easier access, you can assign a drive letter or drive path to your partition.
Assign the following drive letter:
J
Mount in the following empty NTFS folder:
Browse...
Do not assign a drive letter or drive path
< Back
Next >
Cancel

8 Select the partition Format. If you choose FAT32 file format on Windows 2000/XP, the drives maximum size will be limited to 32GBs. If you want to use a single drive letter of 32GBs or more, you have to format on Windows 98SE/ME.

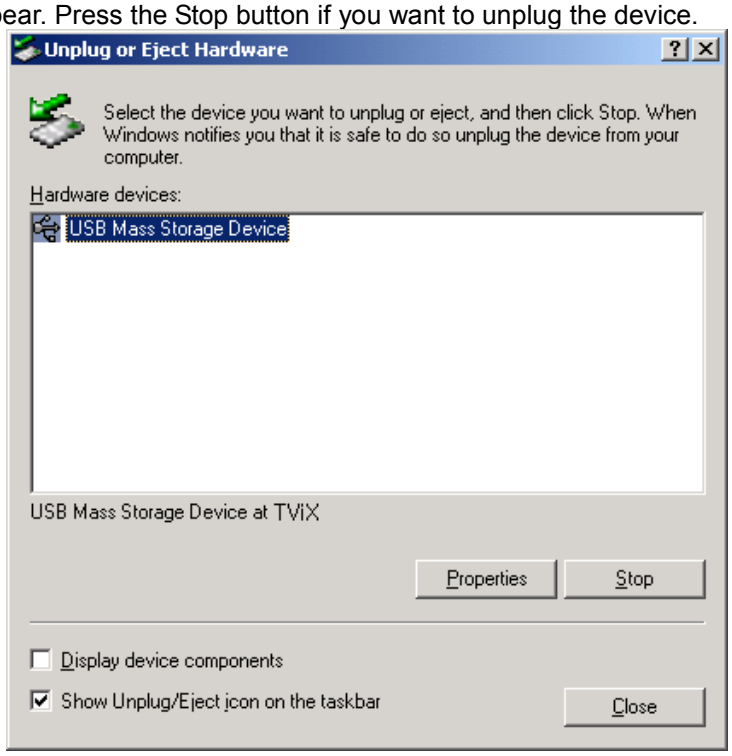

New Partition Wizard
Format Partition
To store data on this partition, you must format it first.
Choose whether you want to format this partition, and if so, what settings you want to use.
Do not format this partition
Format this partition with the following settings:
File system:
NTFS
Allocation unit size:
Default
Volume label:
New Volume
Perform a quick format
Enable file and folder compression
< Back
Next >
Cancel

9 When completed, detailed information will appear as shown below. Click the “OK” button to finish.



10.2 Unplug or Eject Hardware

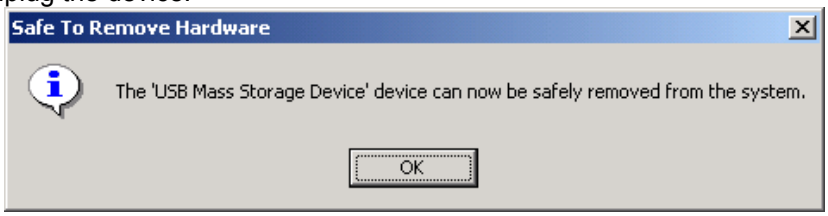
1. On the windows tray, double click the hot swap icon. The “Unplug or Eject Hardware” window will appear. Press the Stop button if you want to unplug the device.


Unplug or Eject Hardware
Select the device you want to unplug or eject, and then click Stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
USB Mass Storage Device
USB Mass Storage Device at TViX
Properties
Stop
Display device components
Show Unplug/Eject icon on the taskbar
Close

2. Press OK on “Stop a Hardware device” window.

Stop a Hardware device
Confirm devices to be stopped, Choose OK to continue.
Windows will attempt to stop the following devices. After the devices are stopped they may be removed safely.
USB Mass Storage Device
Maxtor 52049H4 USB Device
OK
Cancel

3. Press OK and unplug the device.



Close TVIX-HD folder or disk on My computer before unplugging the Hard disk.

If TVIX-HD folder is open, unplugging it may not work properly.

11 Troubleshooting

**** For detailed instructions, please refer to the latest pdf file on the TVIX-HD Homepage or TVIX-HD FAQ.**

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock. If a fault occurs, first check the points listed below before taking the system for repair.

No Screen Display. Video Output not working.	1. Press the TVOUT button on TViX-HD remote to toggle between TV OUT settings. 2. Check the TV-OUT settings and cable-type on the TViX-HD and ensure that it is consistent with the VIDEO-IN settings of the TV. 3. Ensure that the Video Cable is securely connected to the TViX-HD and to the TV.
The TViX-HD does not respond to the Remote Control. Menu Items cannot be selected.	1. Reduce the distance between the Remote and the TViX-HD and try again. 2. Replace remote batteries. 3. Perform a Hardware factory Reset Procedure. 4. Check for interference from other IR sources by trying to operate the TViX-HD with all other components turned off.
TViX-HD does not recognize the HDD.	1. Check the USB connection to the Hard Disk Drive(HDD). 2. Check to ensure that the HDD has been correctly partitioned and formatted.
TViX-HD does not show subtitle.	Re-name the subtitle file the same as avi file name (except for file type extensions). TViX-HD can show the subtitle when the file name is same.
TViX-HD does not display the Network-shared Folder on your PC.	1. Check network connection between your PC and the TViX-HD. 2. Reboot the TViX-HD and re-establish the connection. 3. Depending on network environment, there may be a delay in searching for the network for up to about 10 minutes. 4. Ensure that WEP and SSID settings are accurate.
Unable to Play Xvid, or MPEG, or AVI video files etc.	1. Ensure that the selected video file contains supported video codec. 2. Run the check Disk on the SETUP. 3. If playing a file from a network drive, there may be too much traffic on the network (check for virus). Try to reboot your PC and establish connection again.
Time-shifting is not working in digital channel.	The first partition of the internal hard disk must use the NTFS format. FAT32 format can cause an error message.

12 Appendix - Technical Terms

HDMI

The High-Definition Multimedia Interface (HDMI) is an all-digital audio/video interface capable of transmitting uncompressed streams. HDMI is compatible with High-bandwidth Digital Content Protection (HDCP) Digital Rights Management technology.
HDMI provides an interface between any compatible digital audio/video source, such as a set-top box, a DVD player, a PC, a video game console, or an AV receiver and a compatible digital audio and/or video monitor, such as a digital television (DTV). In 2006, HDMI began to appear as a feature on prosumer, HDTV camcorders and even high-end digital still cameras.

DivX

DivX is the name of a revolutionary new video codec which is based on the new MPEG-4 compression standard for video. When you install a video codec on your system it basically works as an add-on to your system with instructions on how to compress/decompress video in that video format. Once you've installed the DivX codec on your system you will be able to play DivX movies using Windows Media Player or any other DivX-enabled player.
Despite the fact that DivX movies offer better compression and higher quality video than regular MPEG movies it takes more time to encode due to the incredible compression technology. The DivX codec makes it possible to compress/encode a full-length movie at near DVD-quality, which is small enough to fit on a single CD (700MB). The DivX video is usually combined with MP3 audio to produce both high quality video and audio.

Xvid

XviD is the name of a new open-source video codec, which like the DivX is based on the new MPEG-4 compression standard for video. It's currently being developed by people from all over the world. When you install a video codec on your system, it basically works as an ‘add-on’ to your system with instructions on how to compress/decompress video in that video format. Once you've installed the XviD codec on your system you will be able to play XviD movies using Windows Media Player or any other XviD-enabled player.

MPEG

MPEG stands for Motion Picture Experts Group. This is the same group that made the MPEG-1 (used in VideoCDs), MPEG-2 (used in DVD and SuperVCDs and other high bandwidth systems) and MPEG-4 (ASF, DivX, WMV, low-mid bandwidth systems) standards. They are also responsible for MP3 (MPEG Audio Layer 3) and AAC audio compression standards.

VOB

VOB stands for Video Objects. DVD movies are stored in VOB files. Each VOB file has a number of video/audio/subpicture streams.

AVI

AVI stands for Audio Video Interleave. AVI is a file format, like MP3 or JPG. But unlike these formats, AVI is a container format, meaning it can contain video/audio compressed files using many different combinations of codecs. Therefore, while MP3 and JPG can only contain a certain kind of compression (MPEG Audio Layer 3 and JPEG), AVI can contain many different kinds of compression (eg. DivX video + WMA audio or Indeo video + PCM audio) as long as a codec is available for encoding/decoding. All AVI files look the same on the "outside", but on the "inside", they may be completely different. Almost all tools on this site are not just DivX tools, but also AVI tools, so will work with many other codecs.

Dolby Digital

Initially known as Audio Coding 3, Dolby Digital is a synonym for Dolby Digital these days. Dolby Digital is an advanced audio compression technology allowing to encode up to 6 separate channels at bit-rates up to 640kbit/s. For more information please check out the Dolby website.

DTS

By supplying film studios with outstanding techniques for delivering soundtracks to an attentive audience, DTS digital sound is now featured on virtually 100% of major Hollywood releases. Although the technology used for motion pictures differs from that featured in consumer and professional audio music and home theater systems, their DTS heritage means end users can enjoy sound that closely matches the original.

WMA

WMA stands for Windows Media Audio. It is a proprietary format developed by Microsoft for audio streaming and compression. WMA files, theoretically, has double the compression rate of MP3s, although this is debatable.

Ogg Vorbis

Ogg Vorbis is a new audio compression format. It is roughly comparable to other formats used to store and play digital music, such as MP3, VQF, AAC, and other digital audio formats. It is different from these other formats because it is completely free, open, and unpatented.
Ogg Vorbis has been designed to completely replace all proprietary, patented audio formats. That means that you can encode all your music or audio content in Vorbis and never look back.

480P

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480 progressive; form of standard-definition digital television (SDTV) comparable to VGA computer displays but not considered high-definition television (HDTV), though 480p is discernibly cleaner and slightly sharper than analog television. The native resolution of DVD is 480p, but that resolution can be seen only if a DVD player outputs a progressive-scan signal and the DTV has progressive-scan or component-video inputs; it is also known as EDTV.

720P

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720 progressive. One of two currently used formats designated as high-definition television in the ATSC DTV standard, this technology comprises 720 vertical pixels and 1,280 horizontal pixels. The p stands for progressive, as opposed to interlaced, scanning, which is used in the other accepted HDTV standard, known as 1080i. Contrary to myth, 720p is not inferior to 1080i; 720p has fewer lines but also has the advantages of progressive scanning and a constant vertical resolution of 720 lines, making it better able to handle motion.

1080i

1080 interlaced; one of two formats designated as high-definition television in the ATSC DTV standard, with 1,080 vertical pixels by 1,920 horizontal pixels. The i stands for interlaced, as opposed to progressive scanning, used in the second HDTV standard, 720p. Contrary to myth, 1080i is not superior to 720p; 1080i has more scanning lines but also suffers the disadvantages of interlaced scanning.

NTSC

The NTSC (National Television Standards Committee) was responsible for developing, in 1953, a set of standard protocol for television (TV) broadcast transmission and reception in the United States. Two other standards - Phase Alternation Line (PAL) and Sequential Couleur avec Memoire (SECAM) - are used in other parts of the world. The NTSC standards have not changed significantly since their inception, except for the addition of new parameters for color signals. NTSC signals are not directly compatible with computer systems. An NTSC TV image has 525 horizontal lines per frame (complete screen image). These lines are scanned from left to right and from top to bottom. Every other line is skipped. Thus it takes two screen scans to complete a frame: one scan for the odd-numbered horizontal lines, and another scan for the even-numbered lines. Each half-frame screen scan takes approximately 1/60 of a second; a complete frame is scanned every 1/30 second. This alternate-line scanning system is known as interlacing.

PAL

Phase Alternation Line (PAL) is the analog television display standard that is used in Europe and certain other parts of the world. PAL is one of the three major TV standards together with the American National Television Systems Committee(NTSC) color television system and the French Sequential Couleur avec Memoire (SECAM). NTSC is also used in Japan. SECAM is used in countries of the former Soviet Union.
Like SECAM, PAL scans the cathode ray tube (CRT) horizontally 625 times to form the video image. NTSC scans 525 lines. Color definitions between the systems vary slightly.

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